

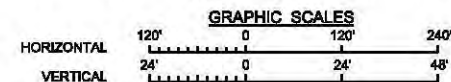
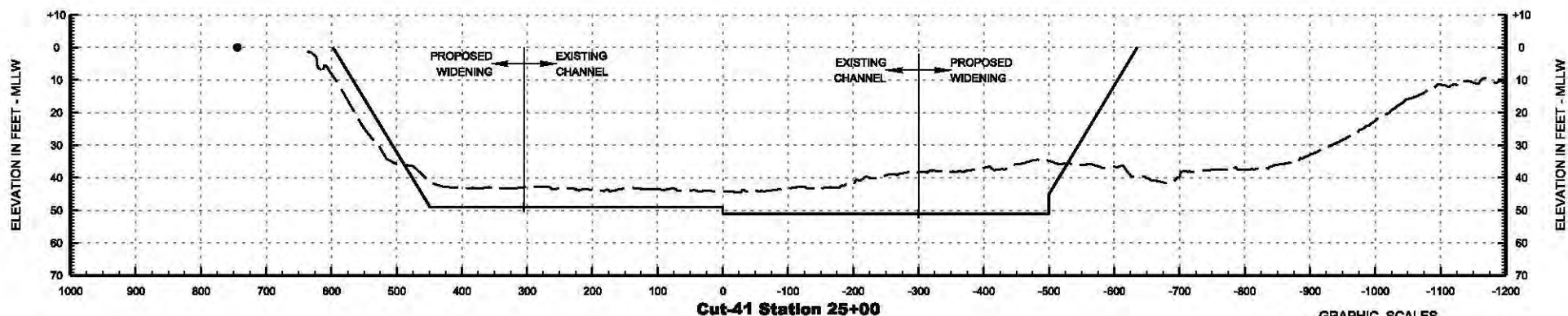
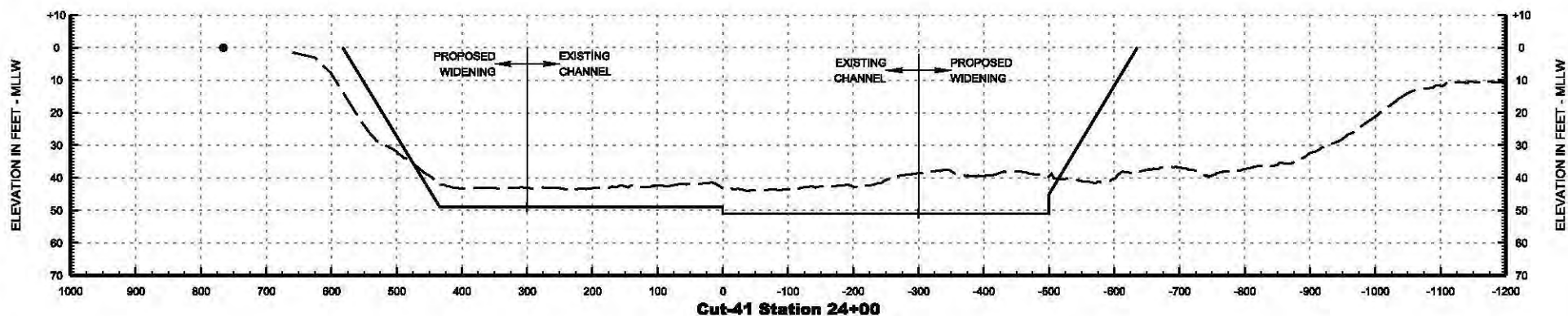
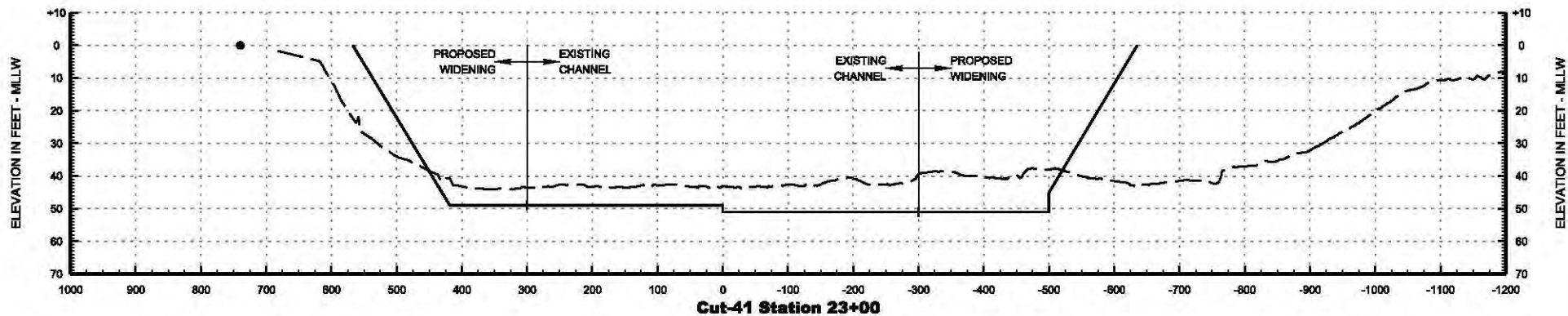
APPENDIX A

ENGINEERING APPENDIX

FIGURES 151-200

Jacksonville Harbor Navigation Study, Duval County,
Florida

DRAFT
INTEGRATED GENERAL REEVALUATION
REPORT II AND SUPPLEMENTAL
ENVIRONMENTAL IMPACT STATEMENT



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

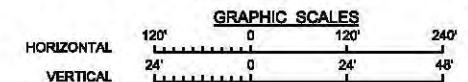
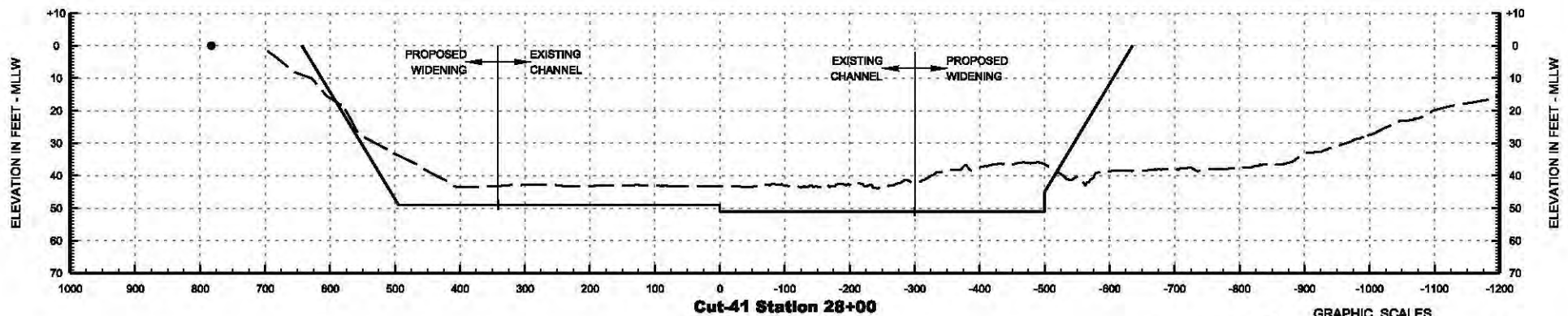
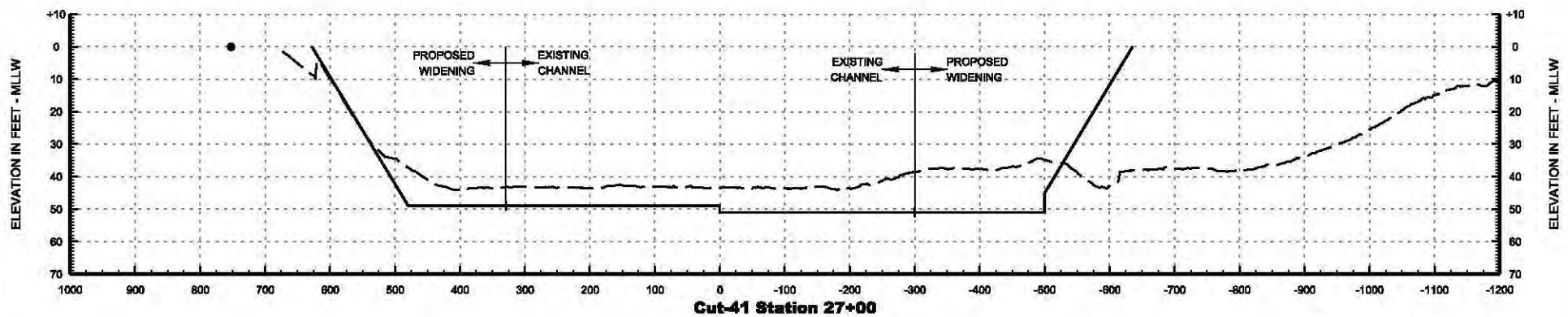
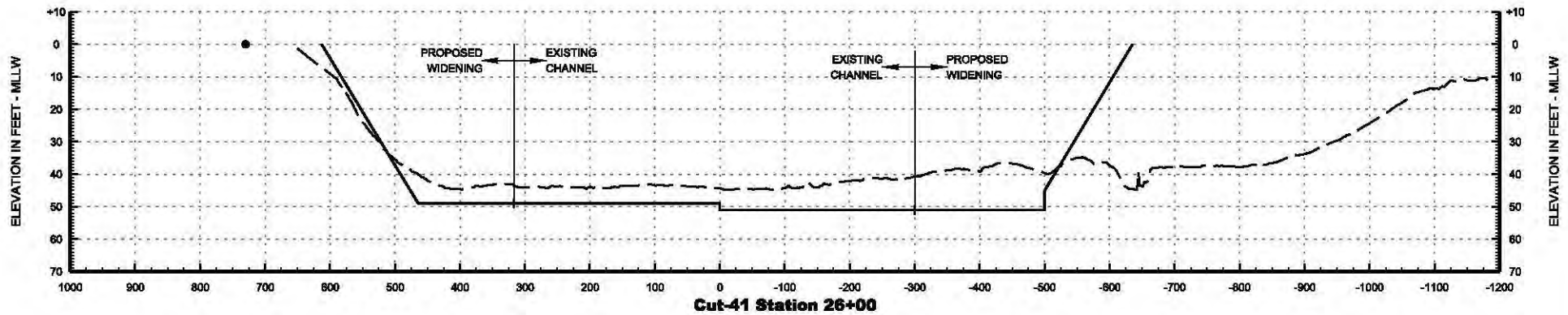
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-41 STATION 23+00 TO 25+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

151



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

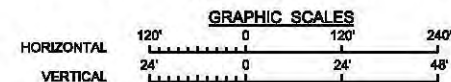
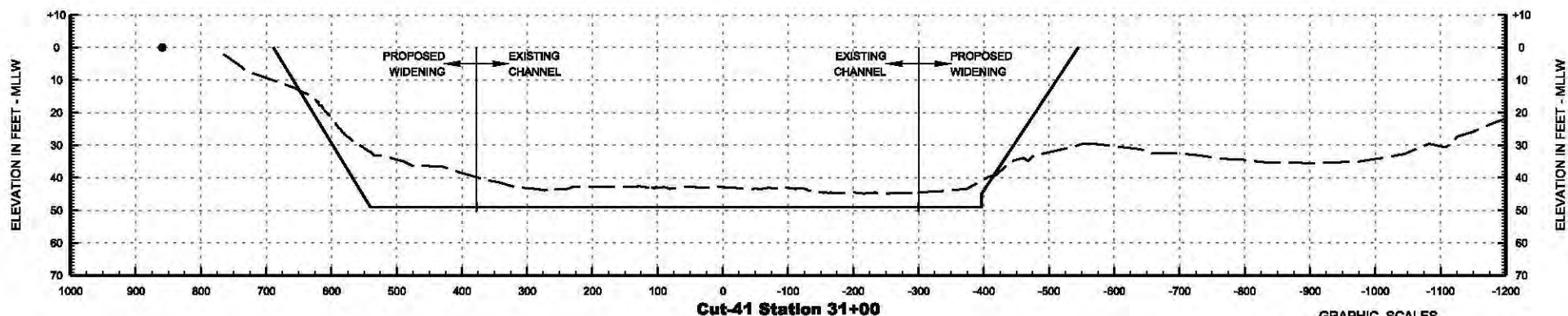
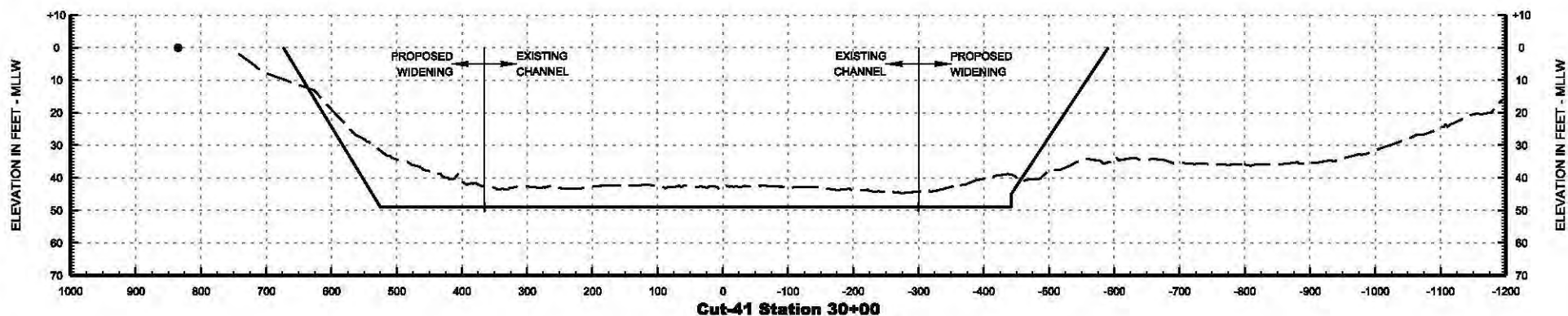
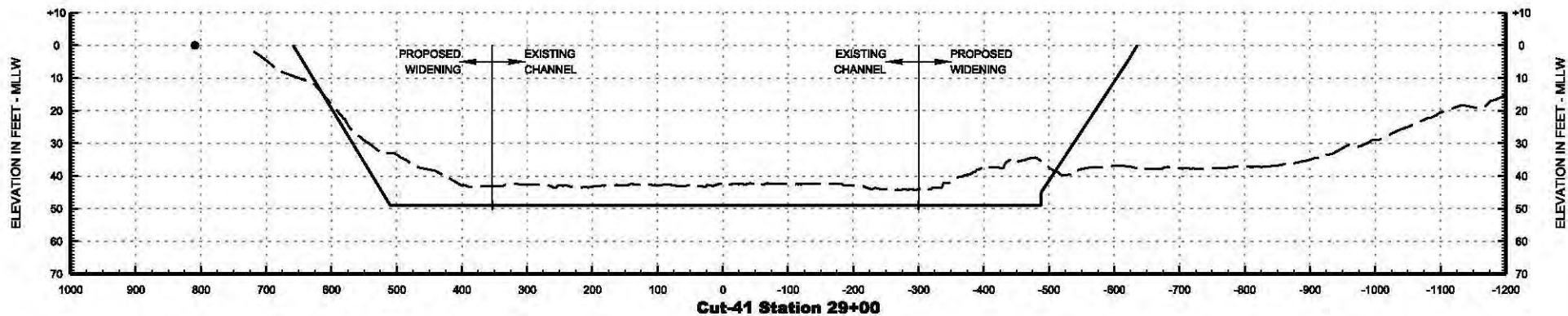
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-41 STATION 26+00 TO 28+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

152



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

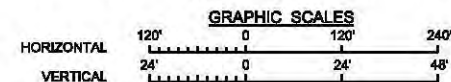
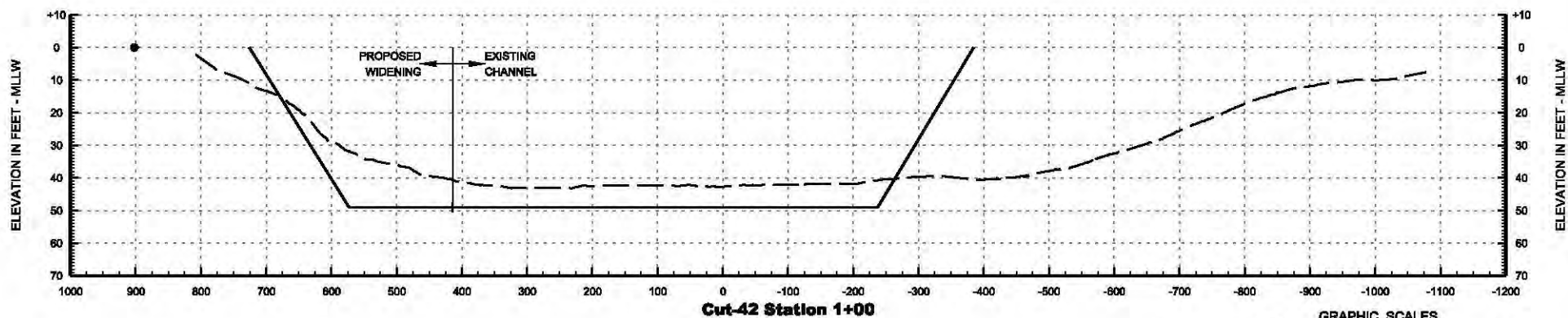
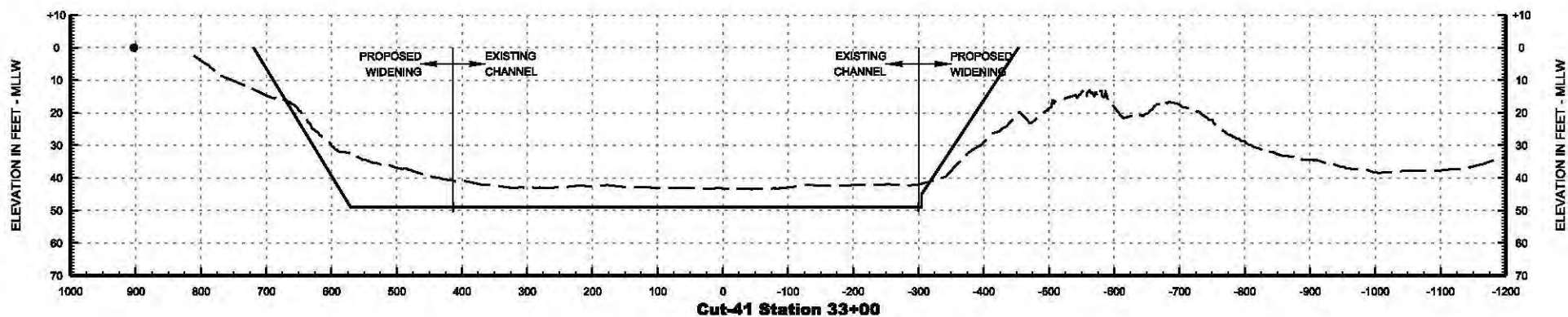
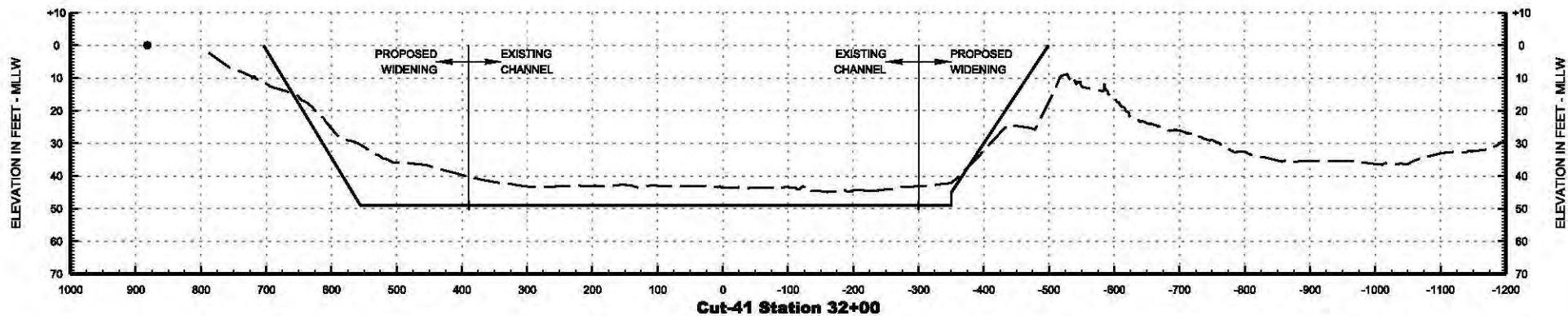
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-41 STATION 29+00 TO 31+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

153



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

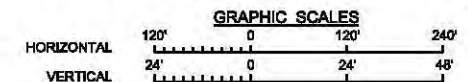
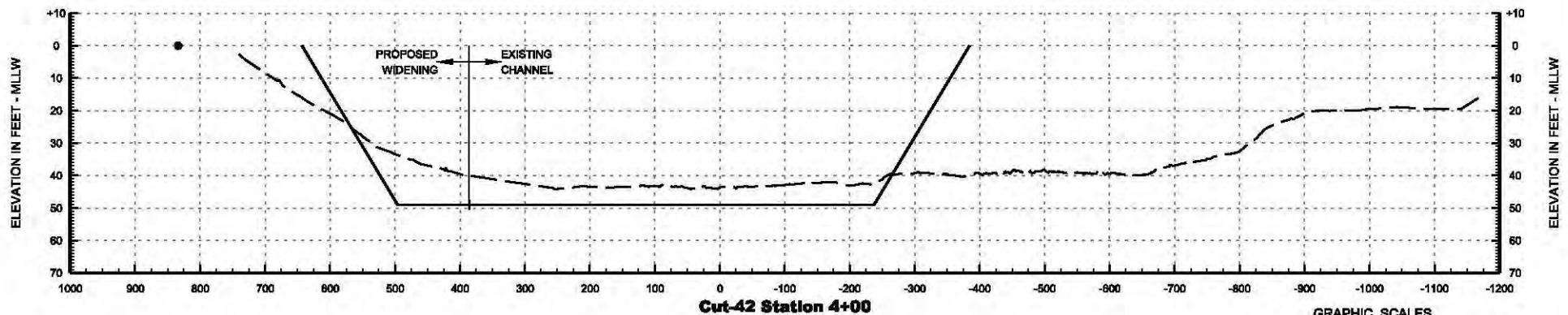
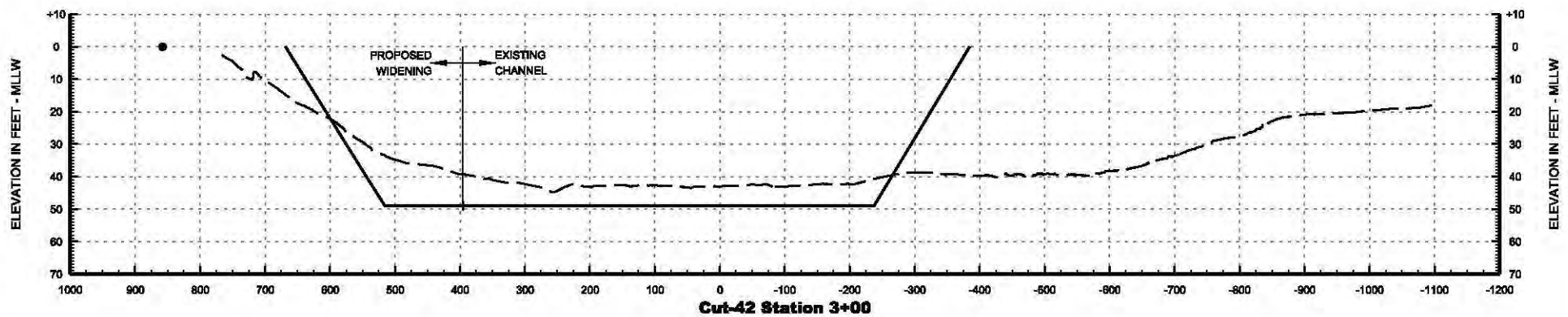
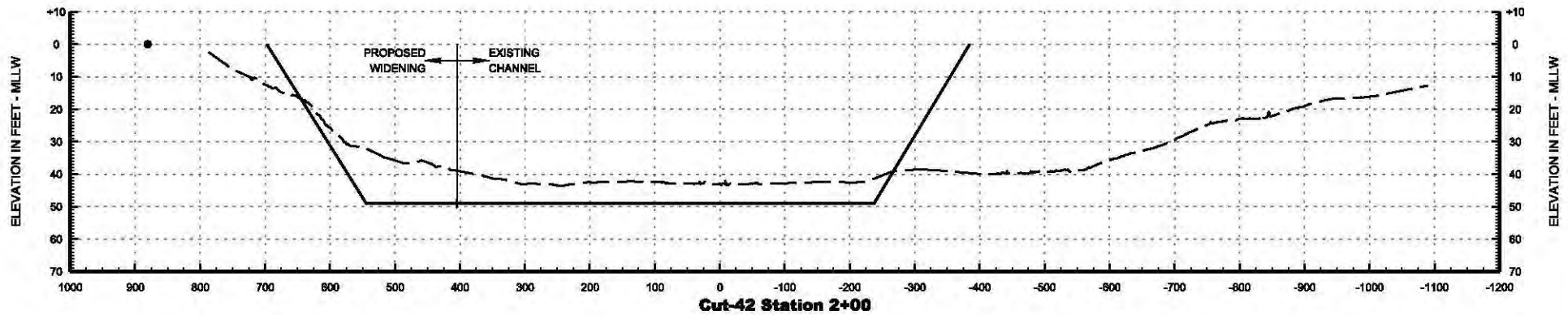
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-41 STATION 32+00 TO CUT-42 STATION 1+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

154



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

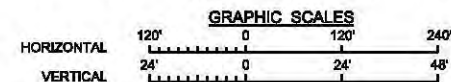
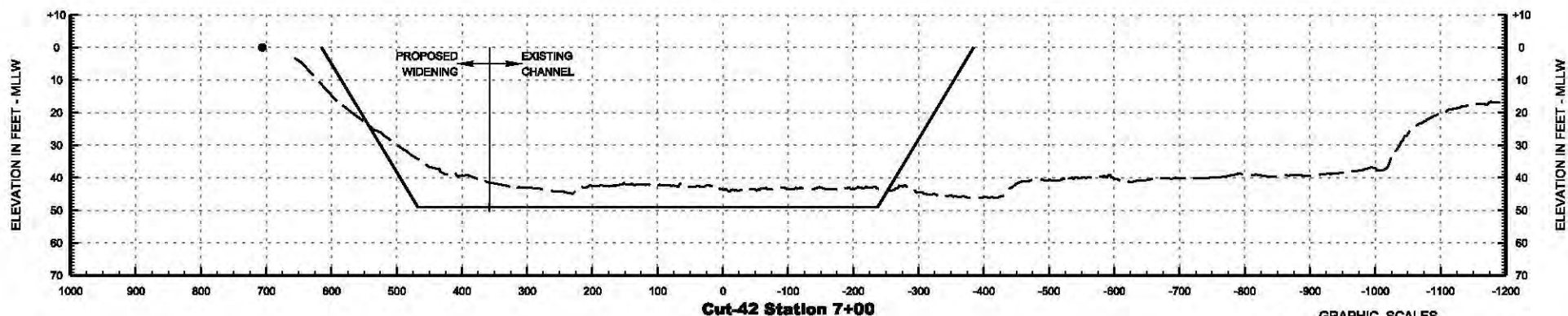
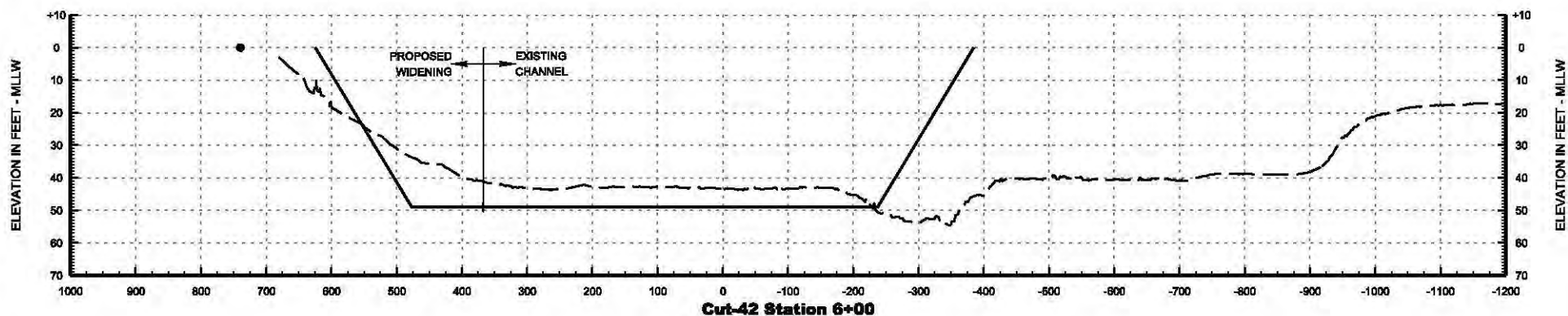
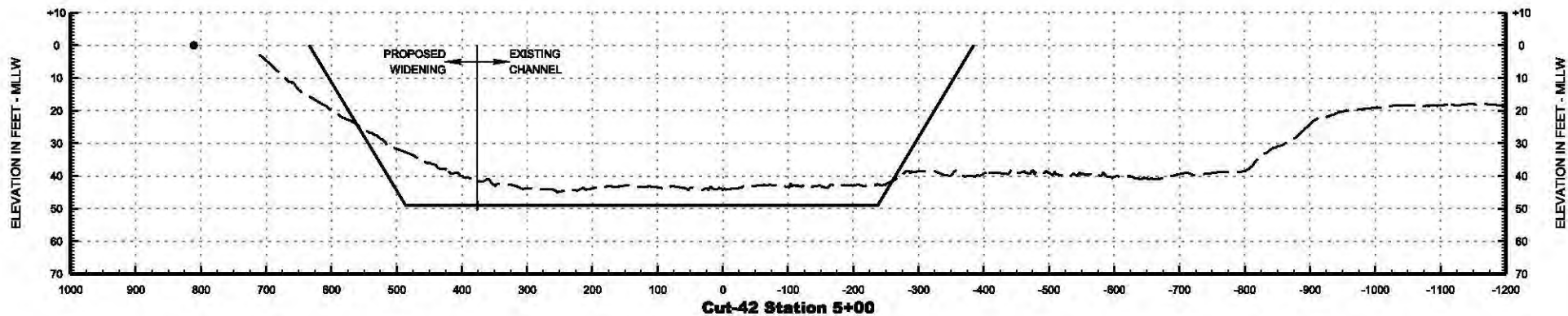
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 2+00 TO 4+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

155



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

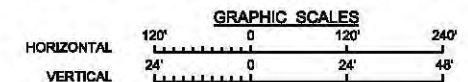
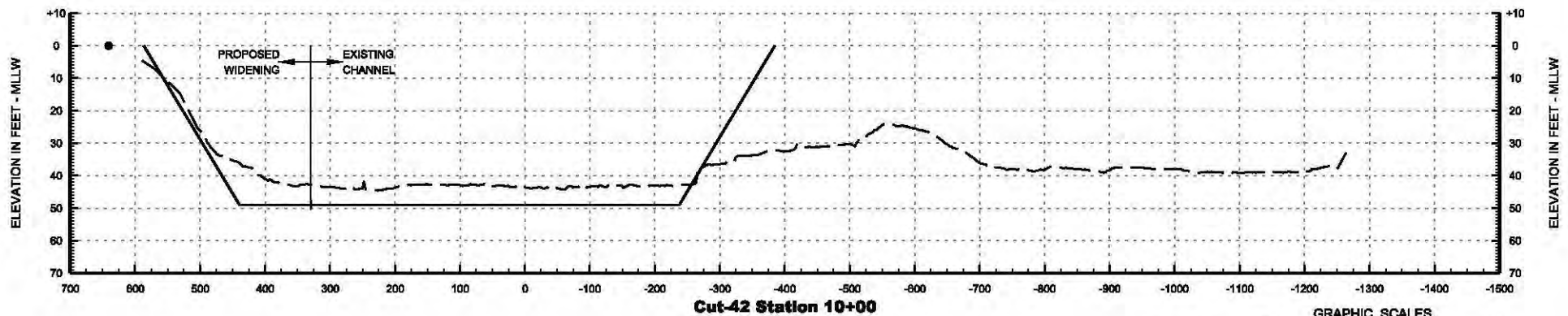
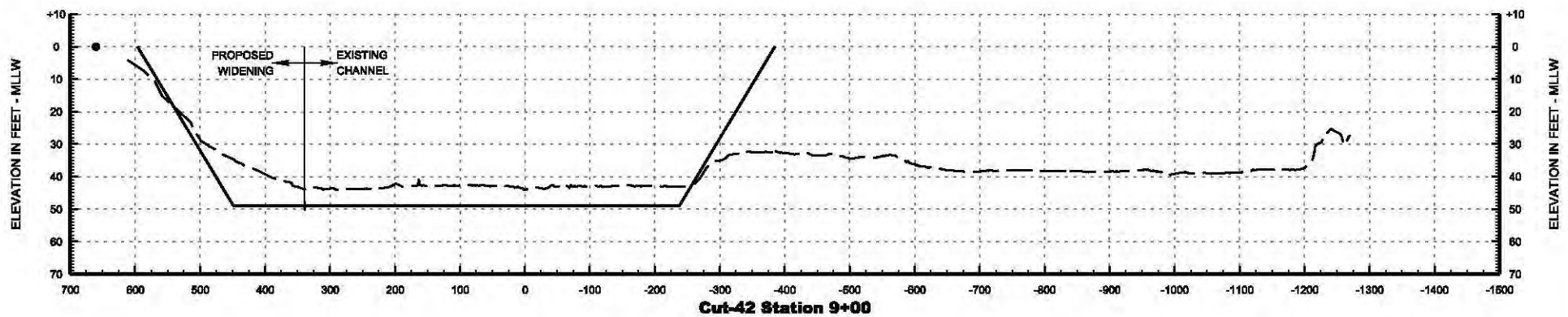
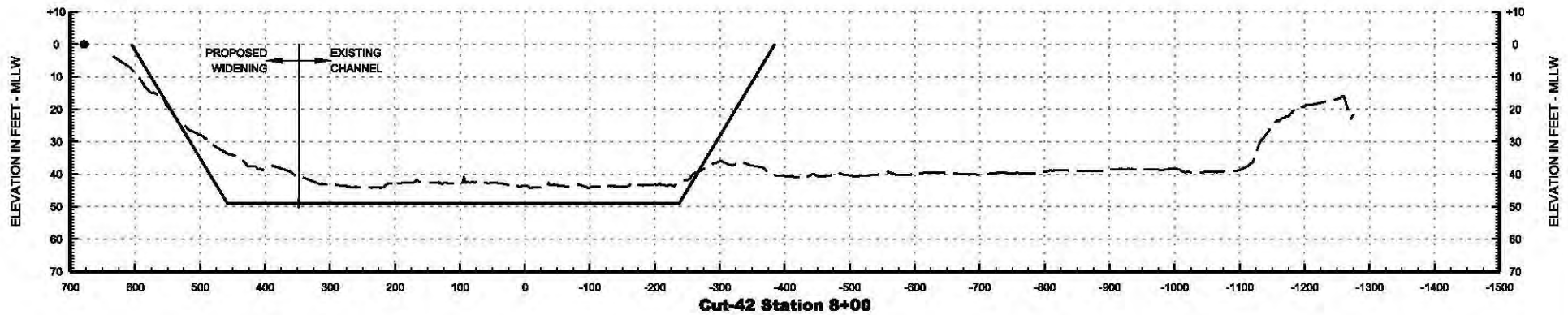
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 5+00 TO 7+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

156



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

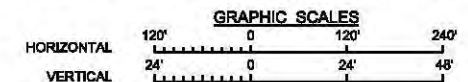
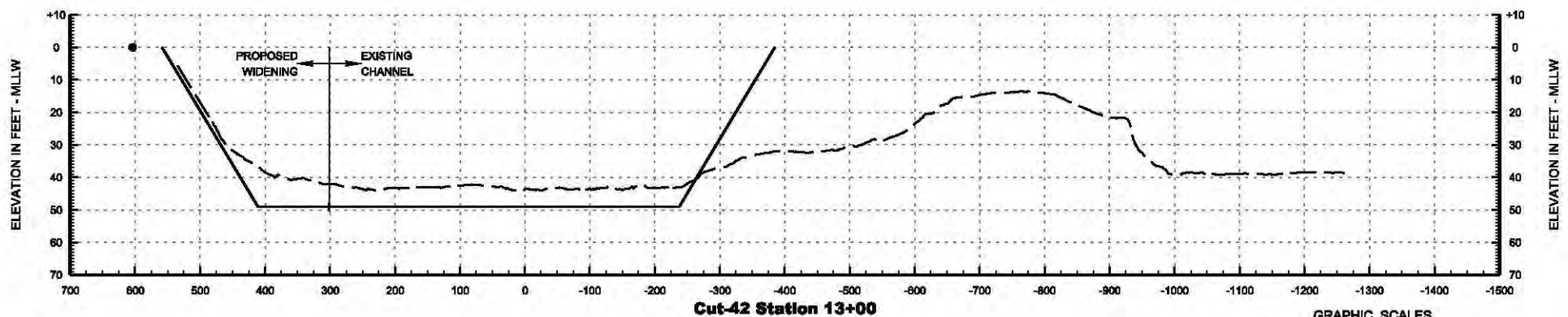
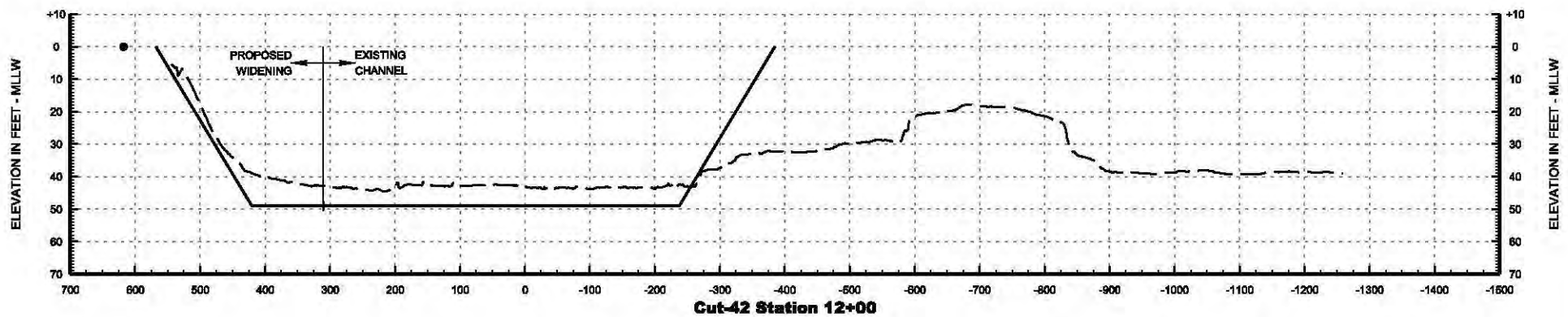
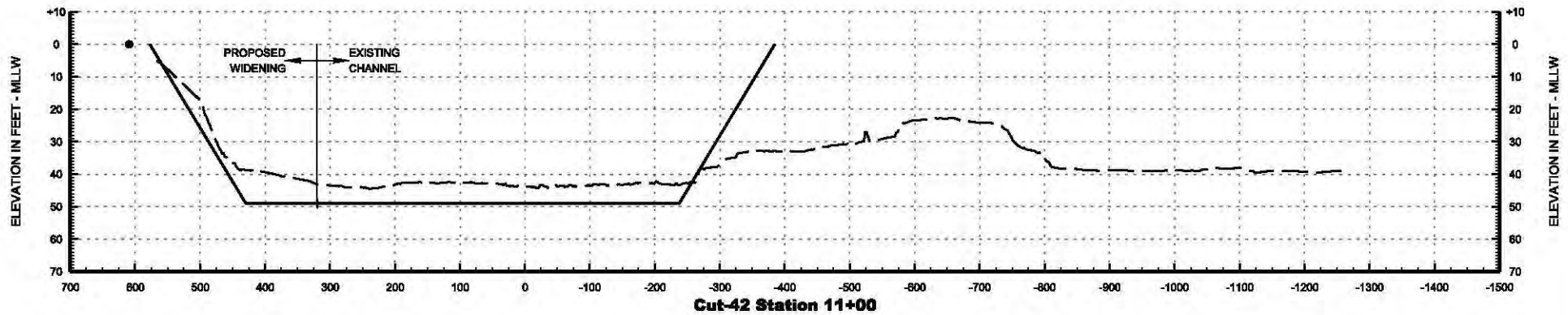
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 8+00 TO 10+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

157



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

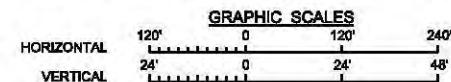
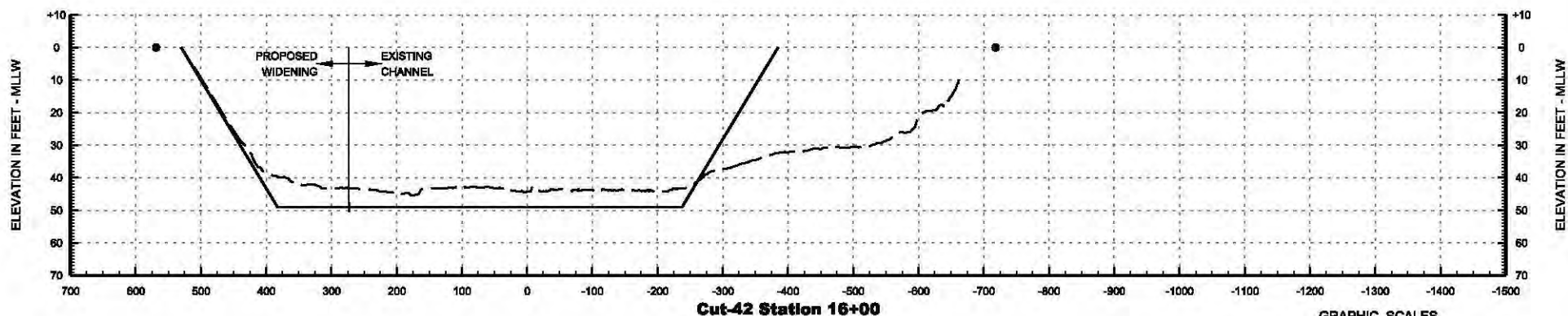
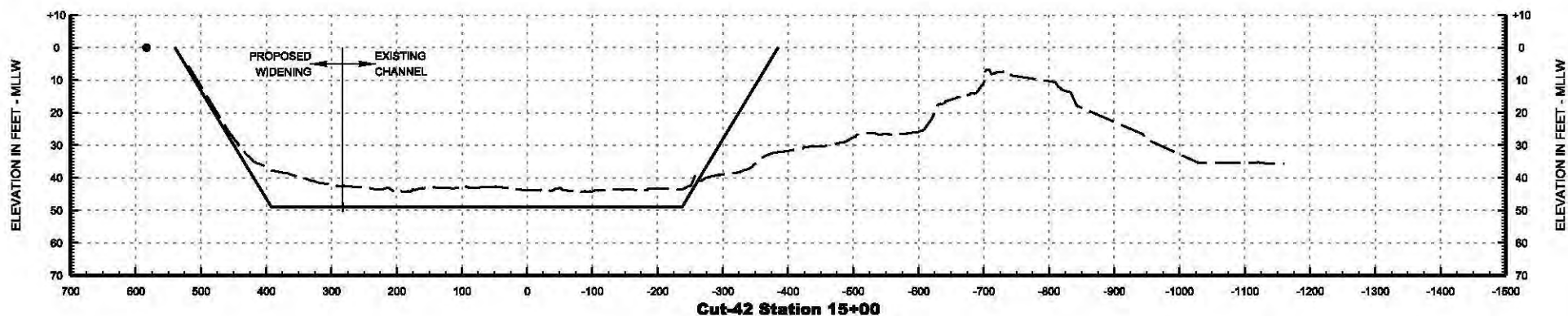
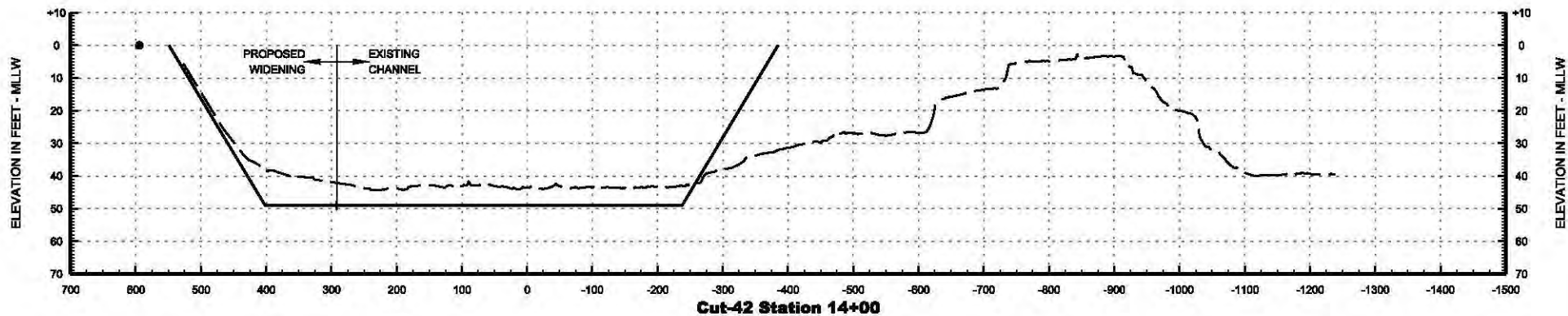
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 11+00 TO 13+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

158



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

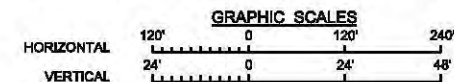
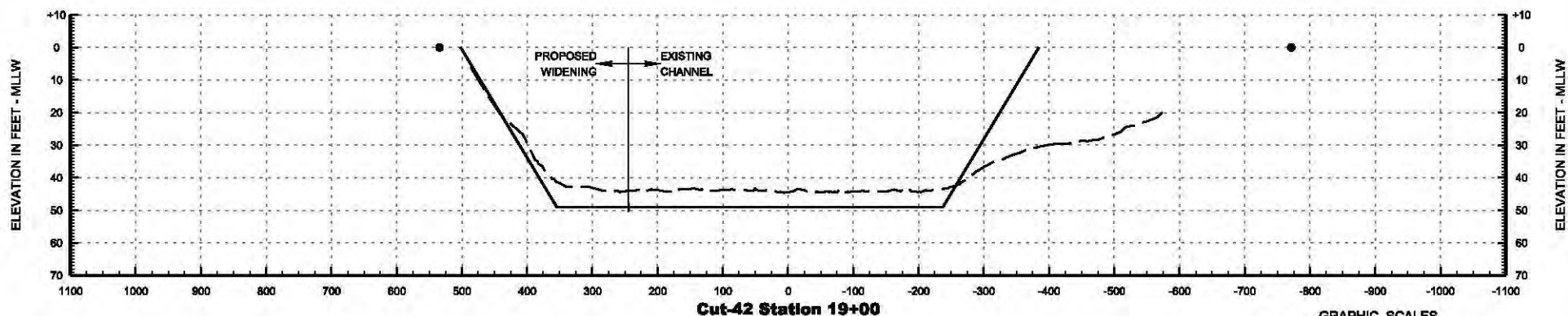
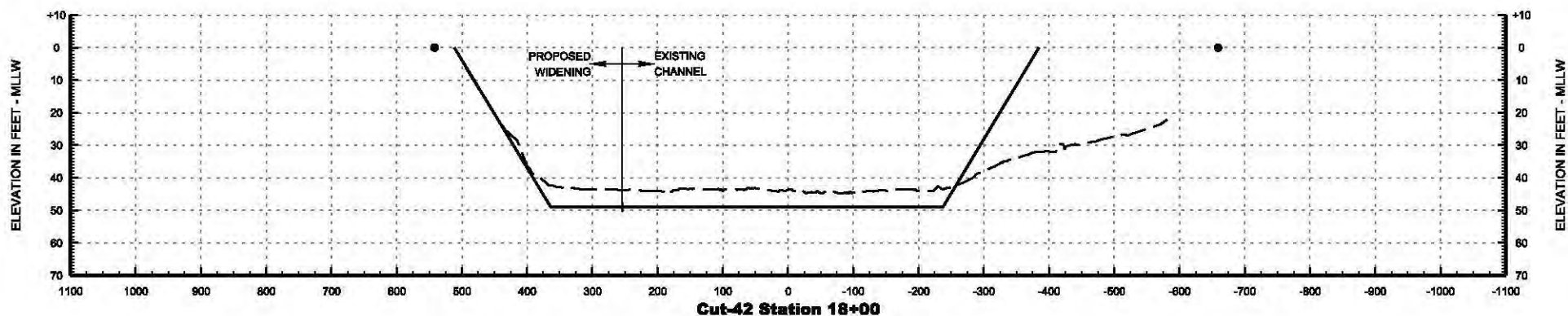
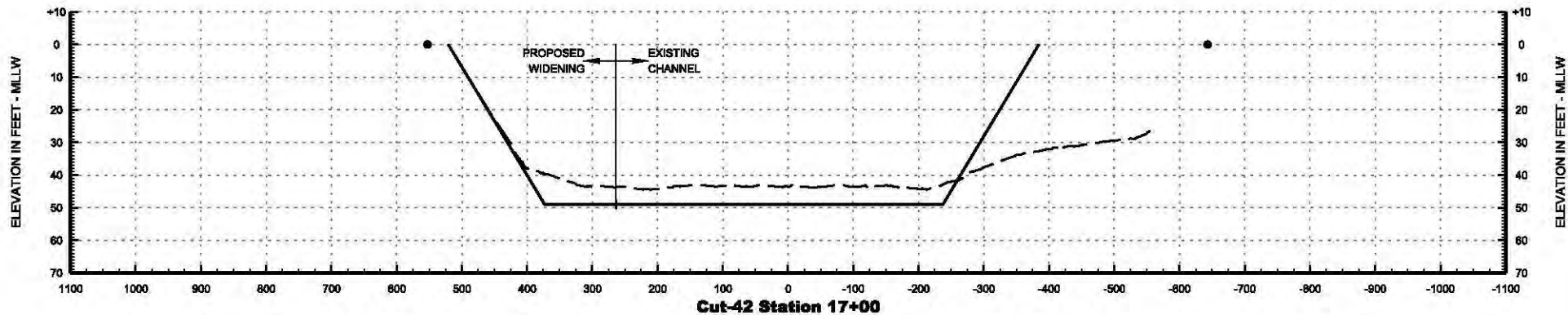
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 14+00 TO 16+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

159



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

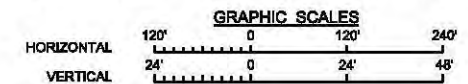
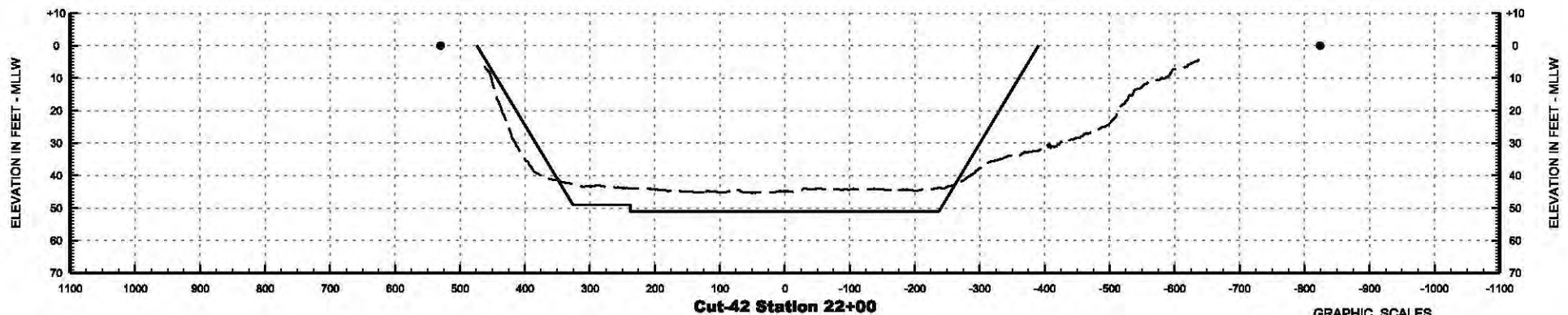
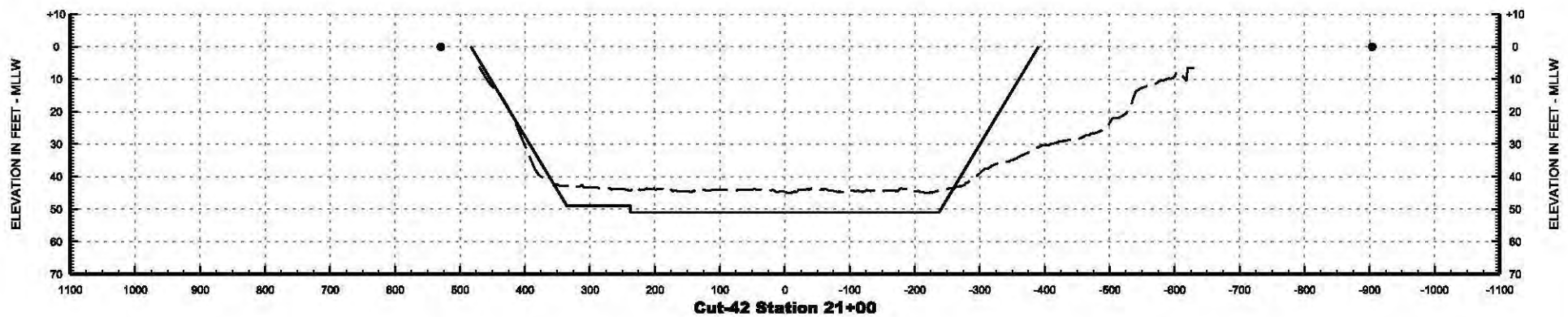
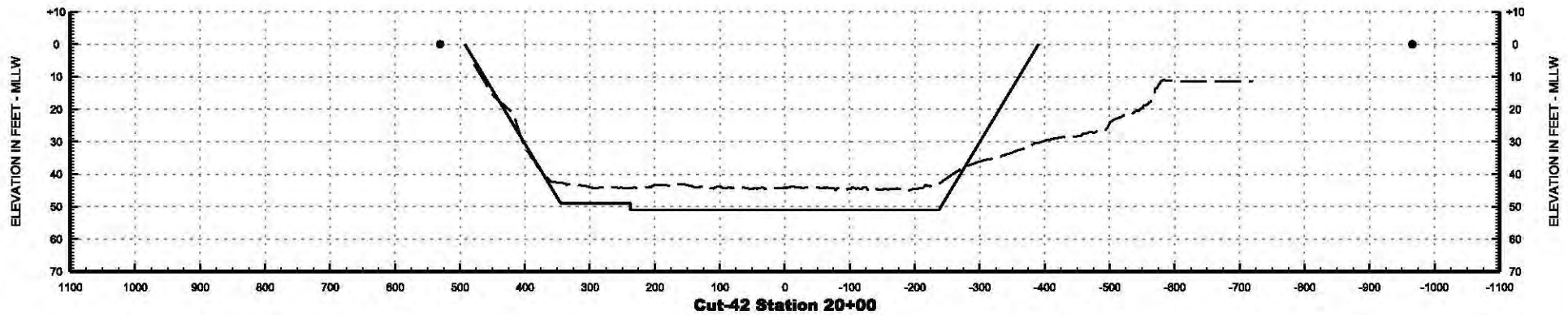
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 17+00 TO 19+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

160



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

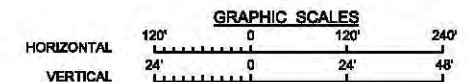
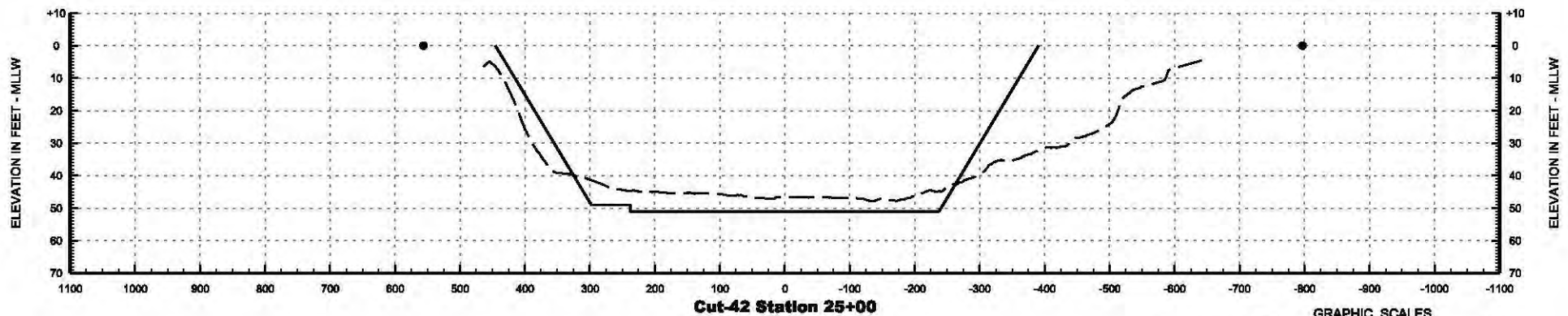
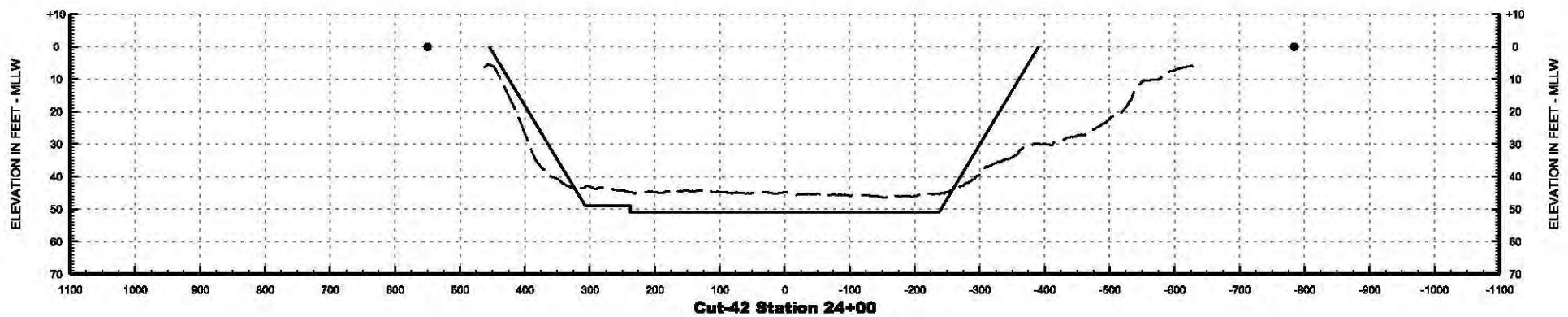
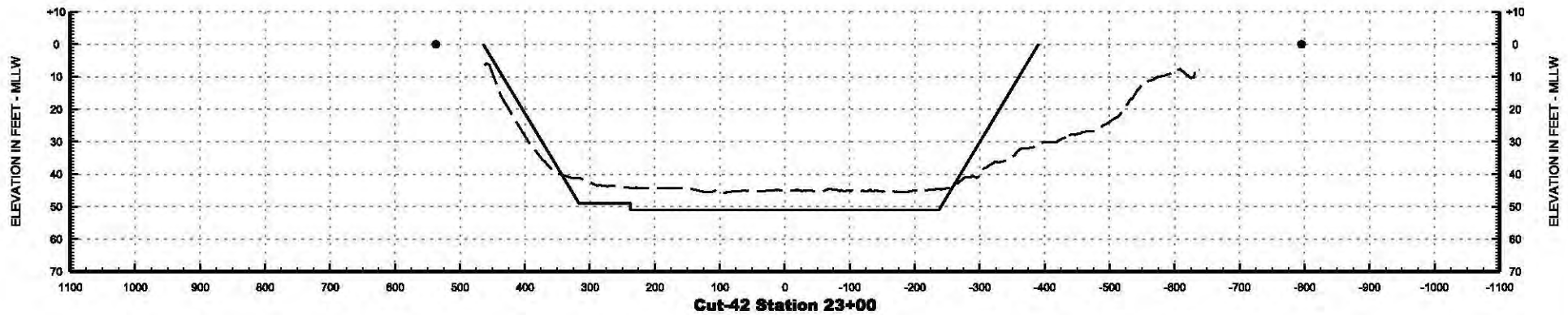
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 20+00 TO 22+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

161



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

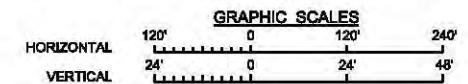
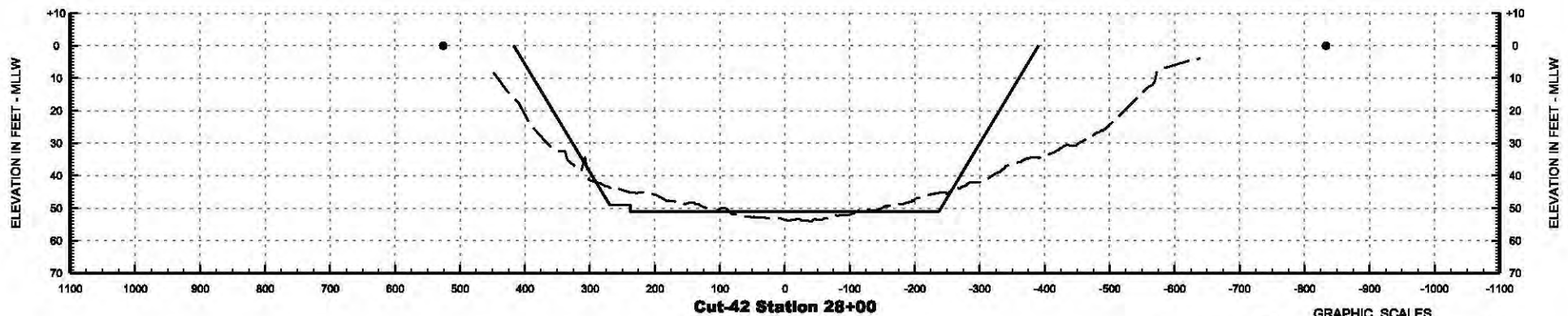
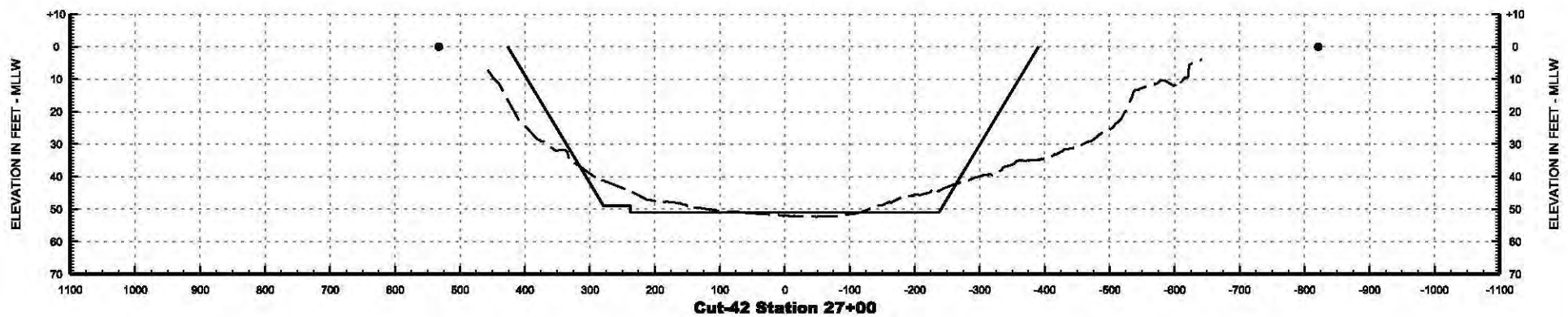
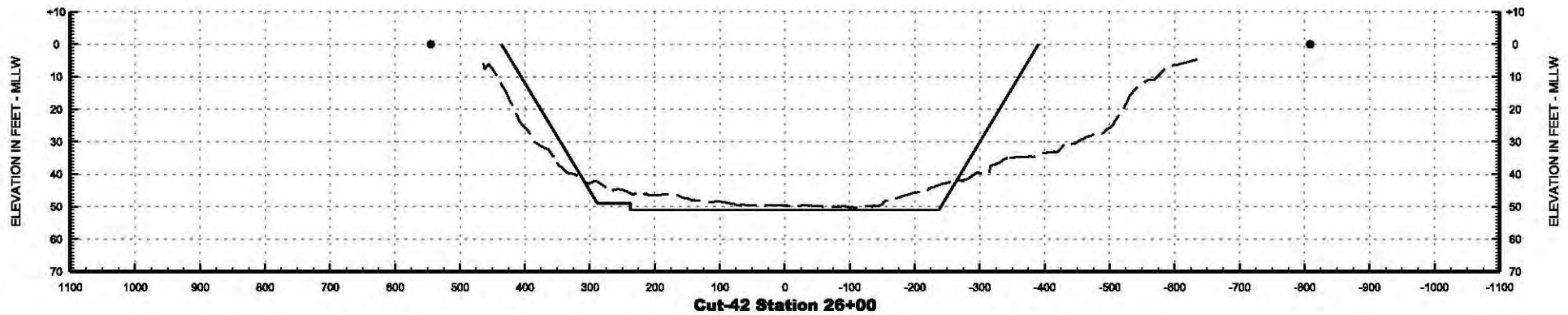
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 23+00 TO 25+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

162



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

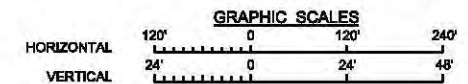
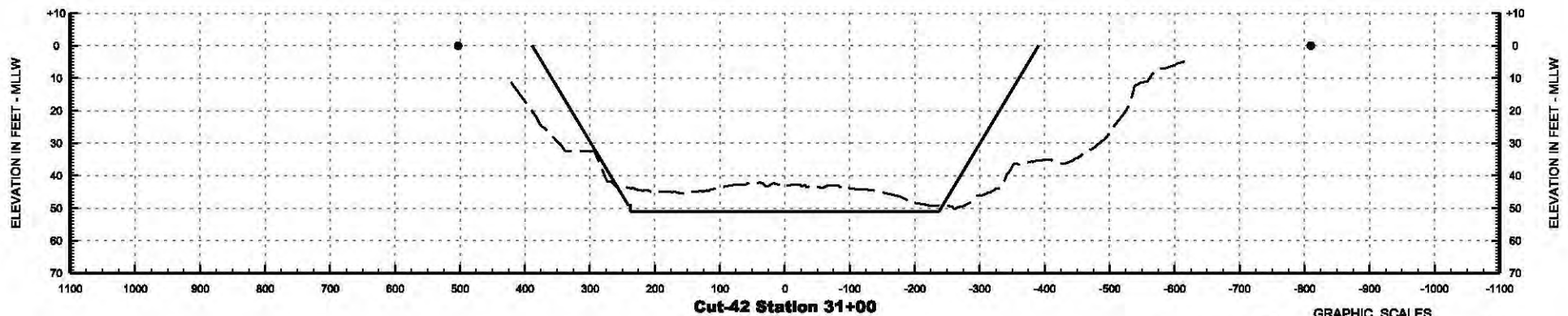
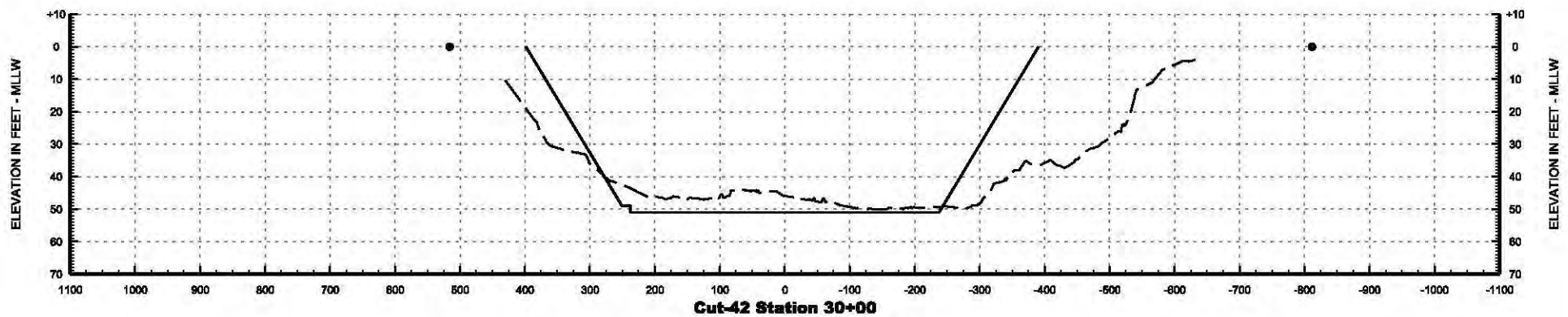
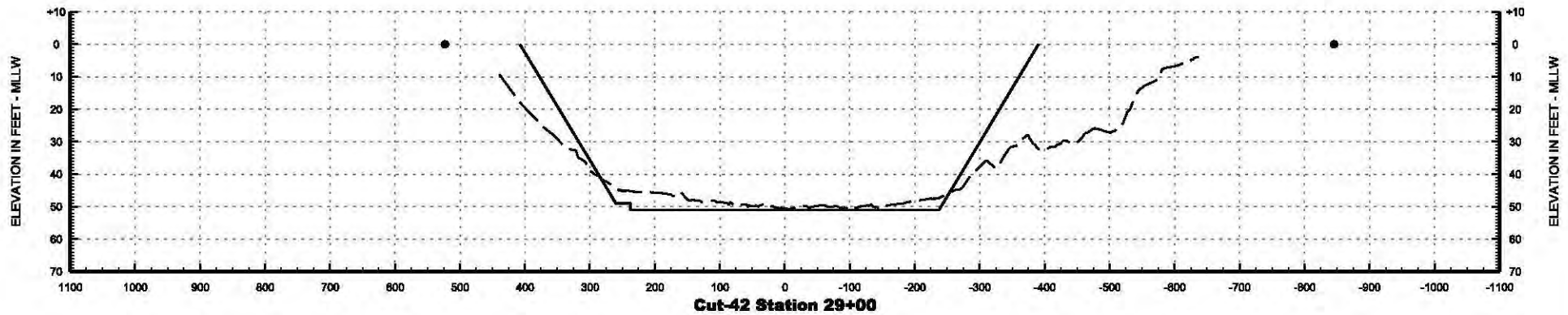
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 26+00 TO 28+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

163



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

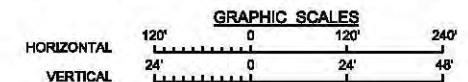
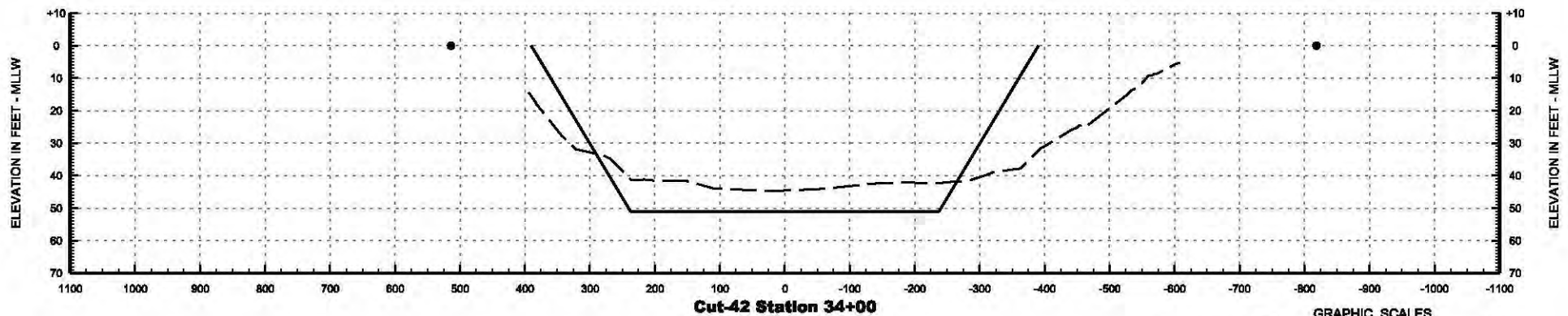
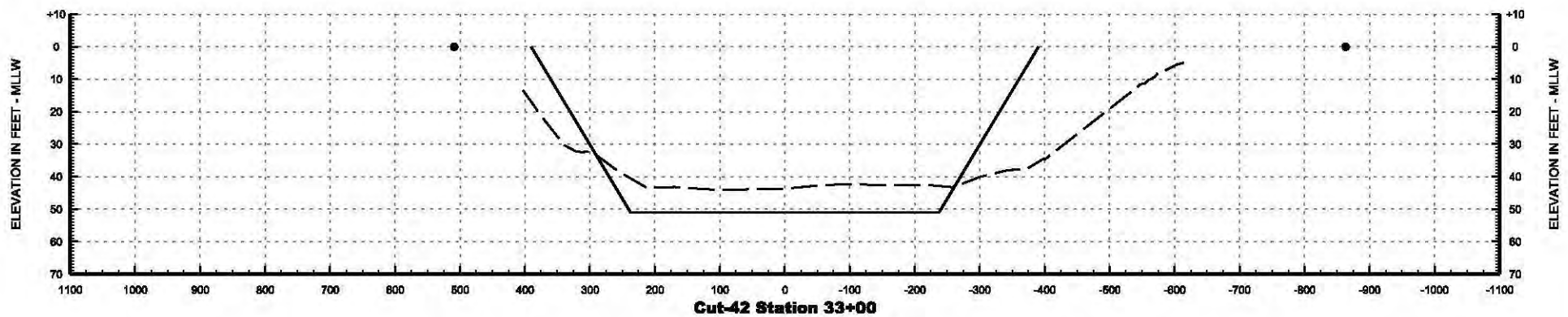
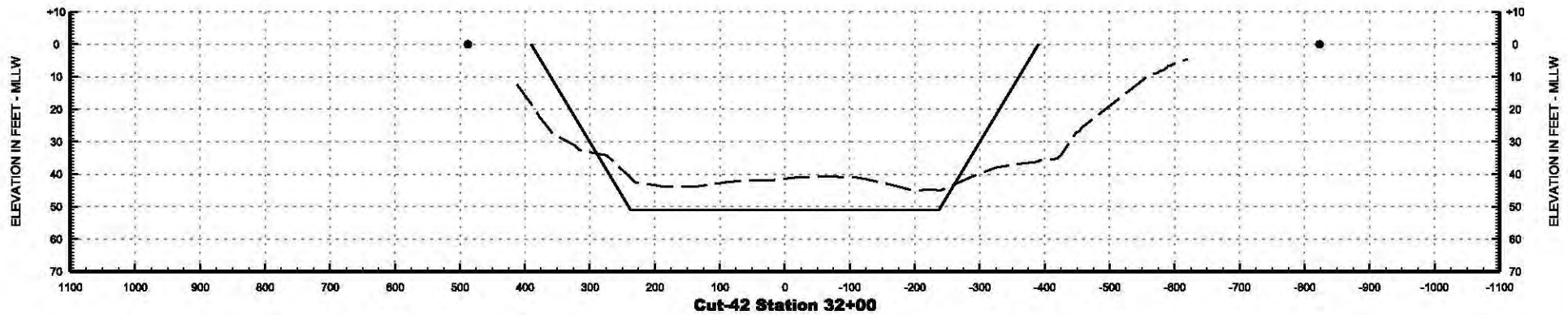
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 29+00 TO 31+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

164



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

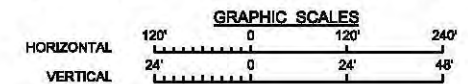
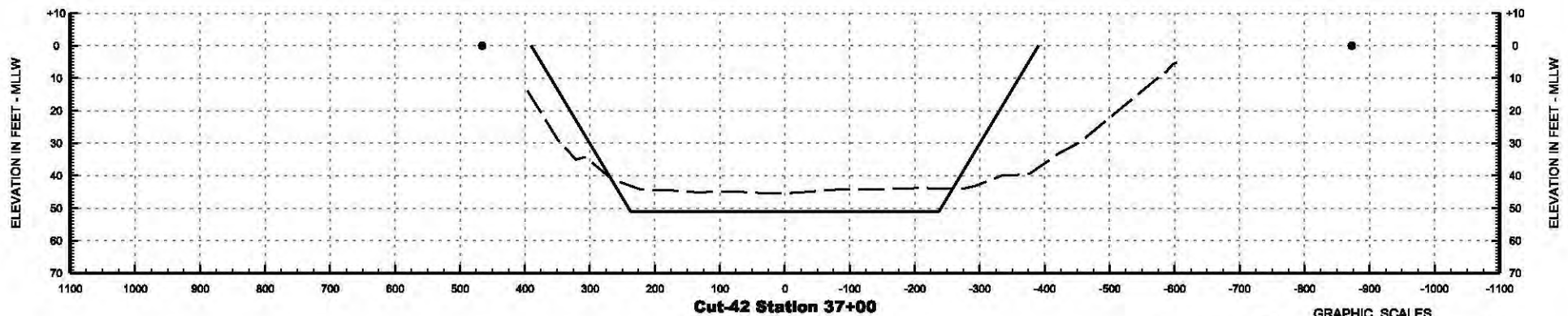
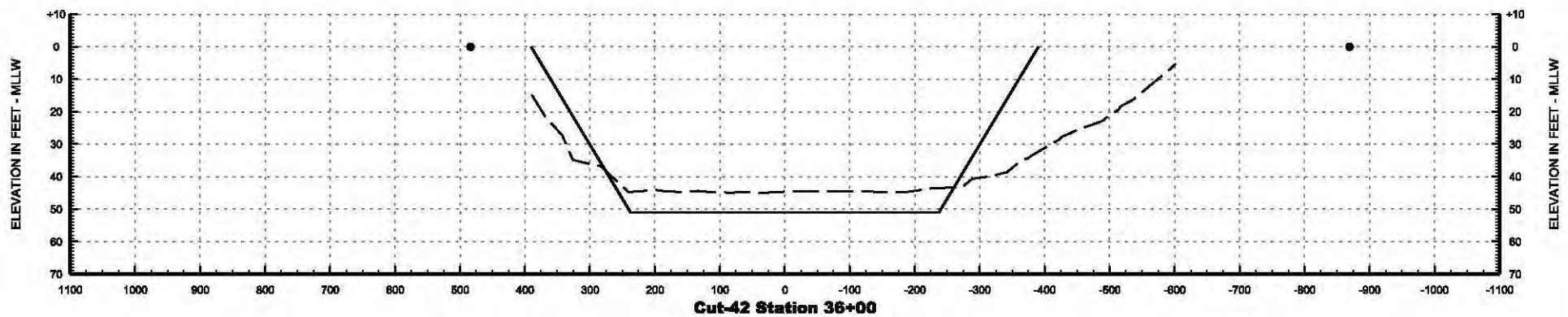
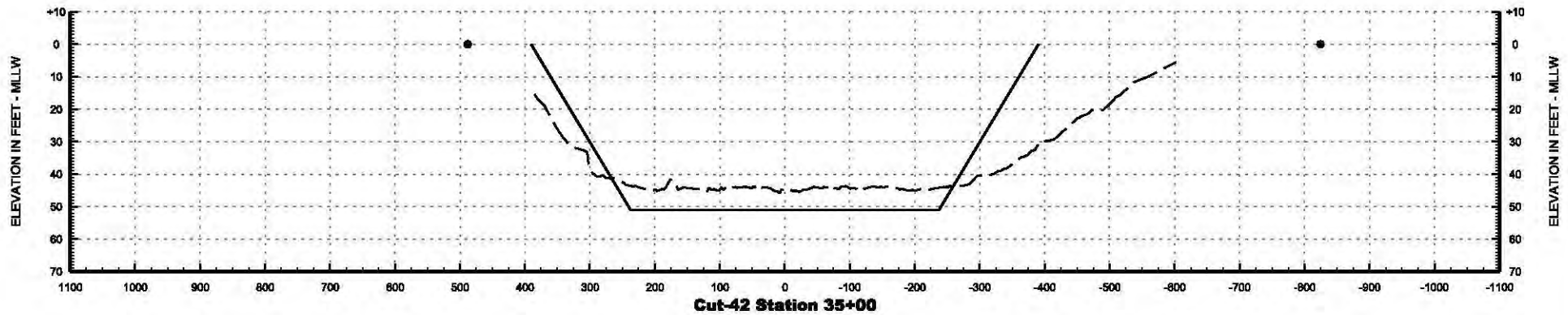
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 32+00 TO 34+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
- - - DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

165



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

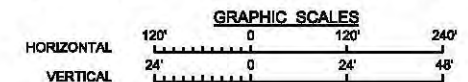
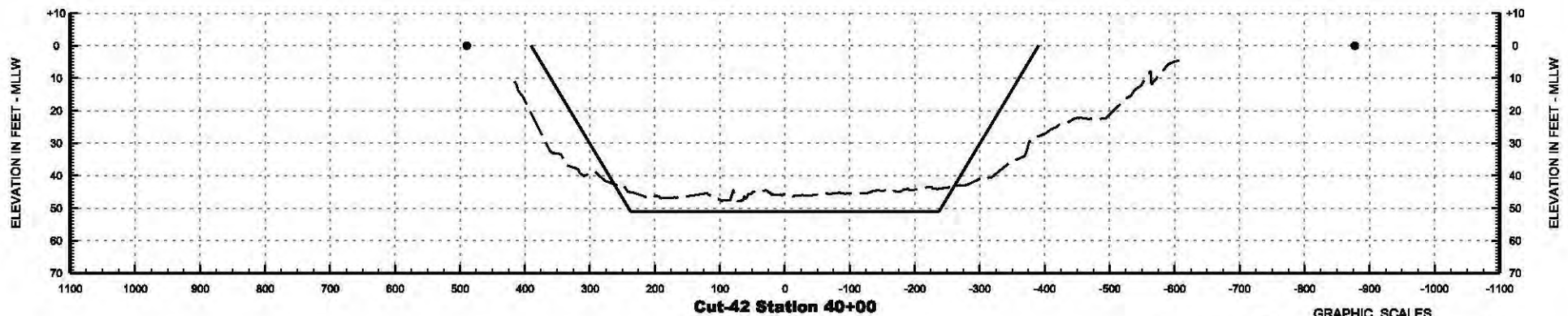
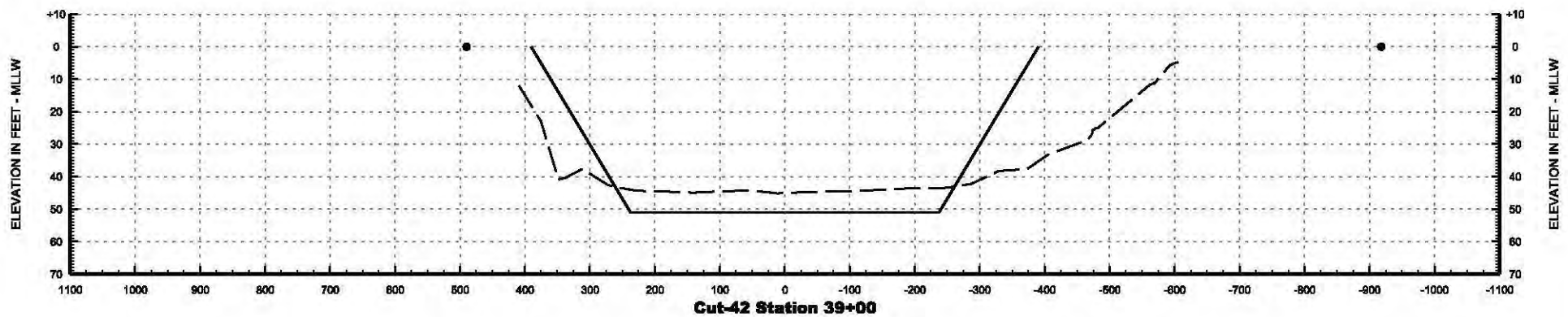
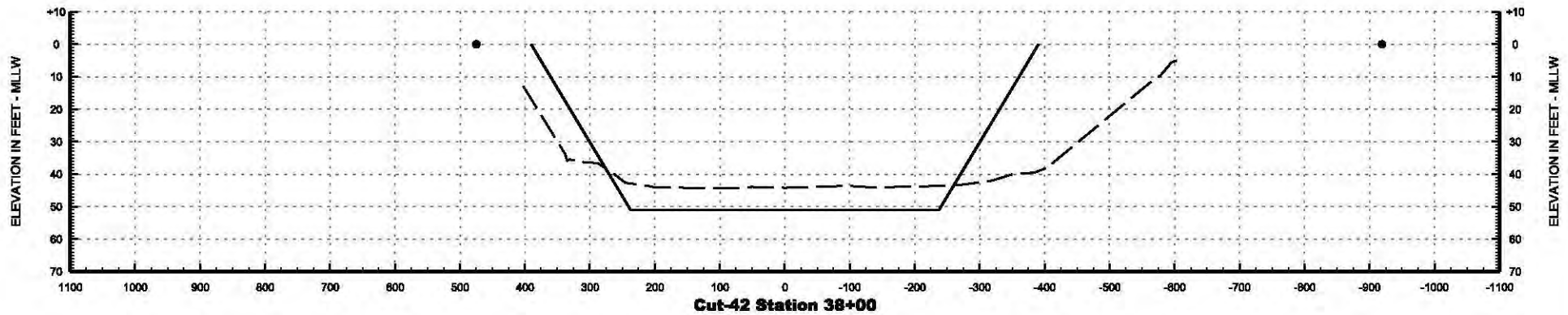
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 35+00 TO 37+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

166



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

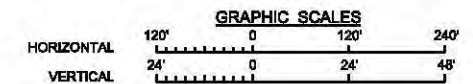
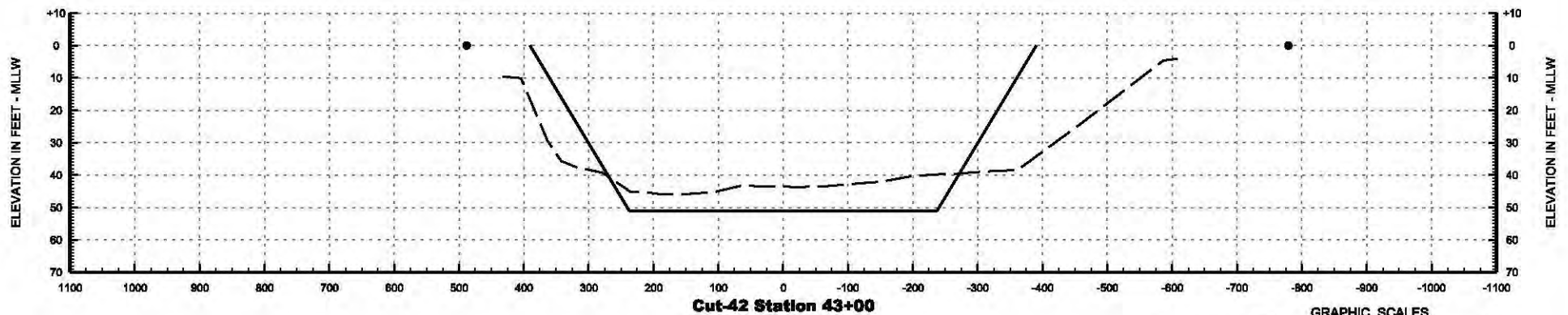
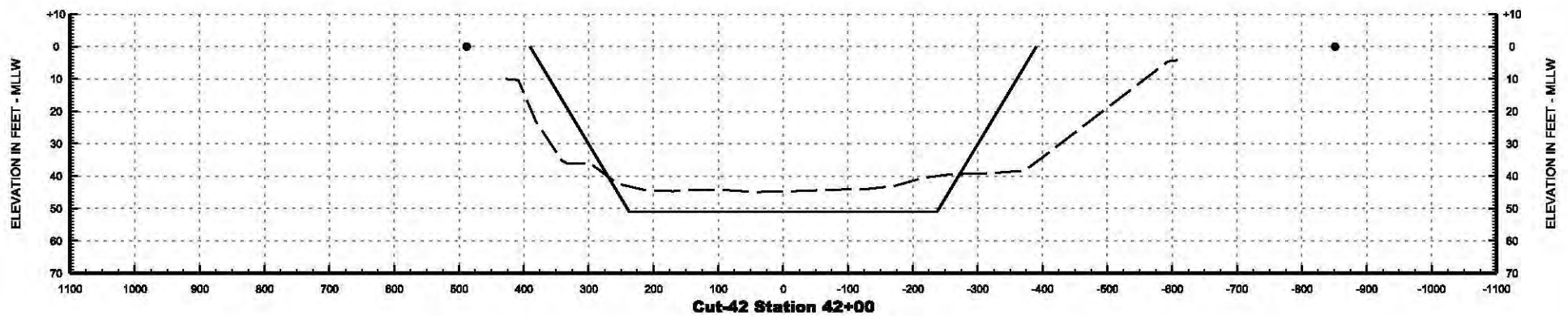
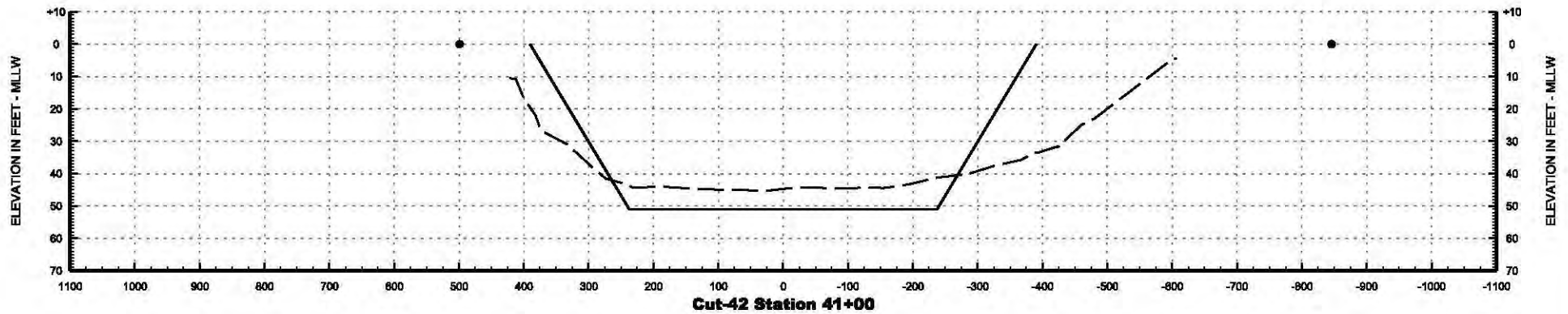
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 38+00 TO 40+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

167



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

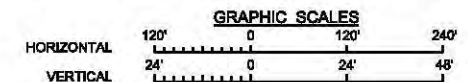
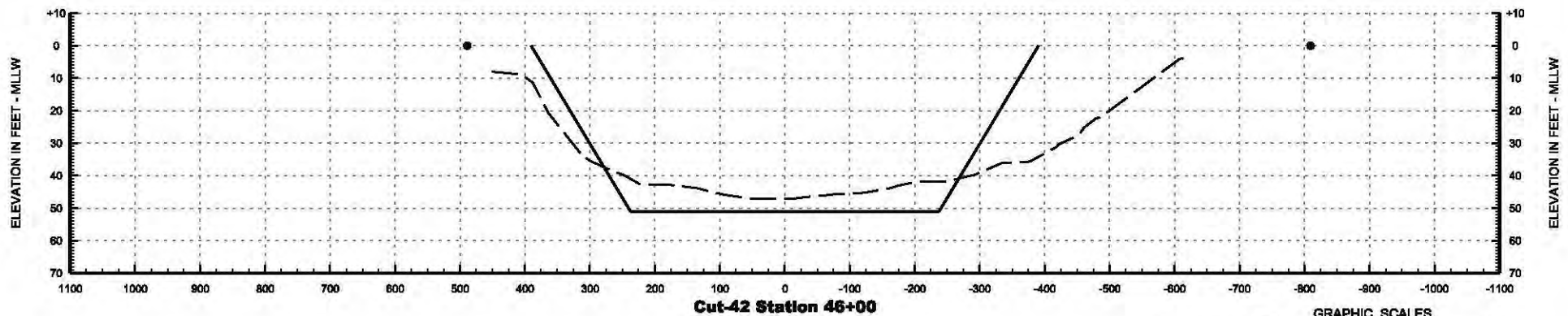
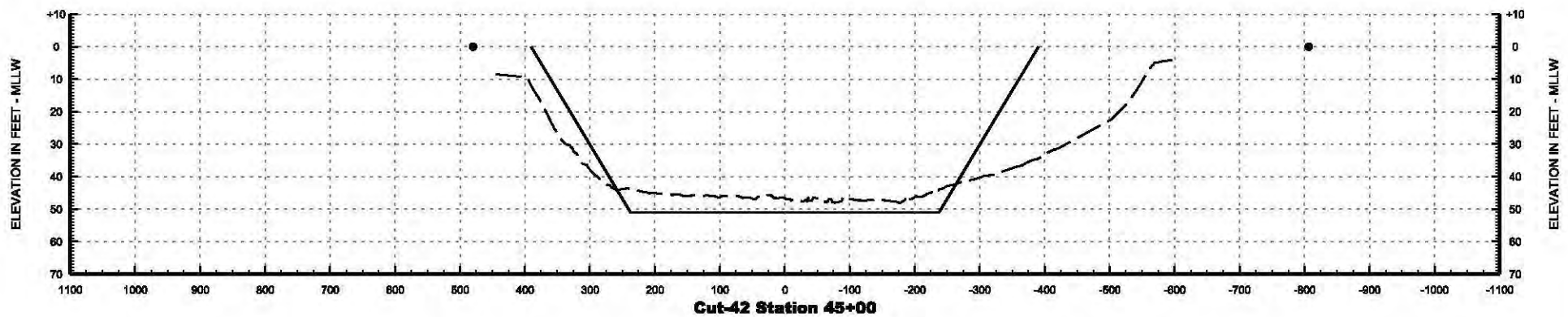
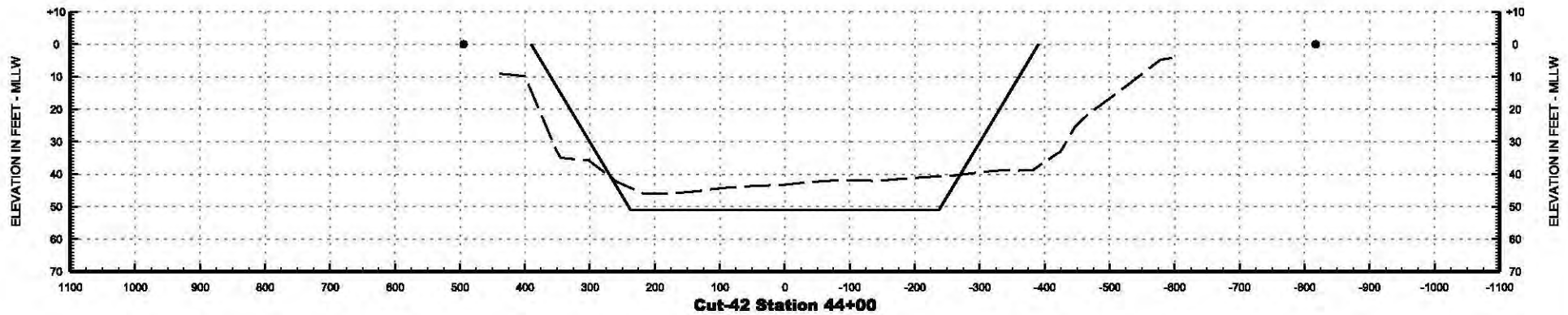
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 41+00 TO 43+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
- - - DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

168



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

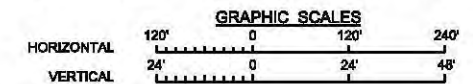
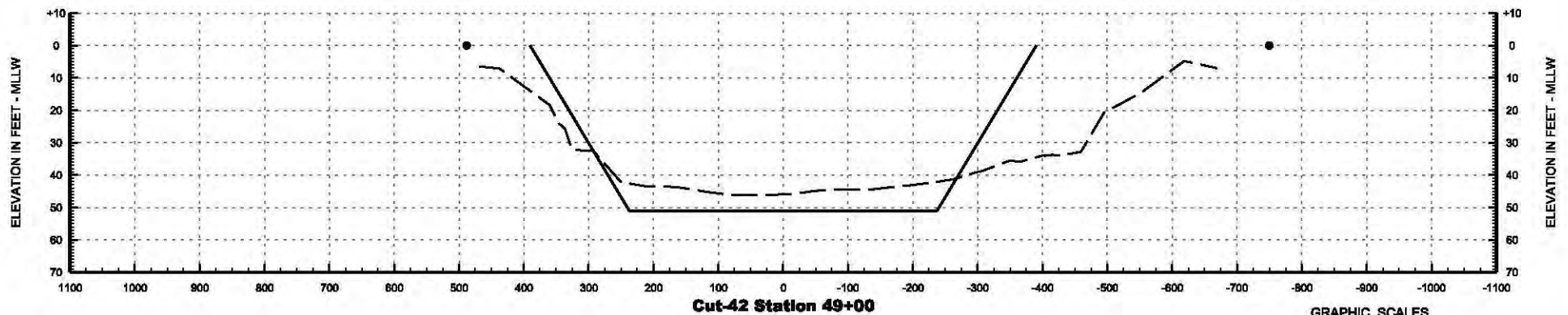
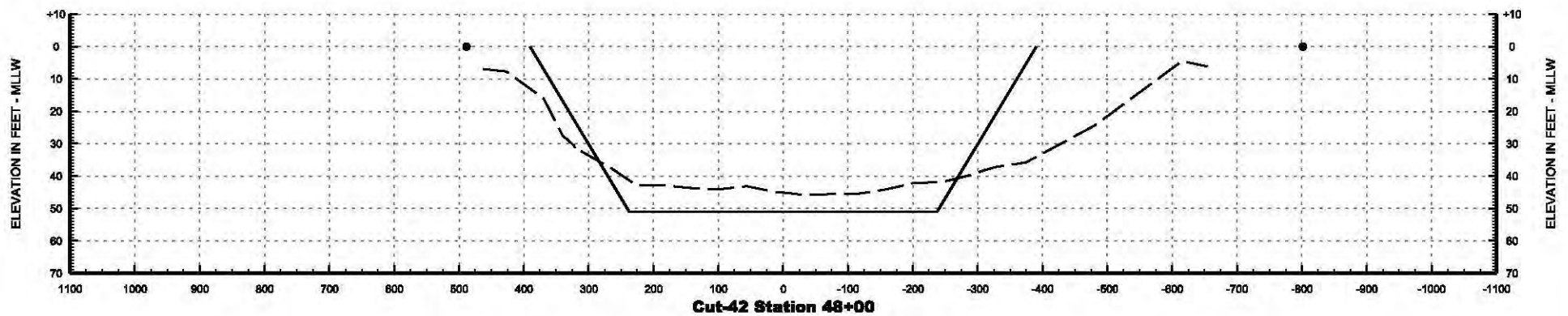
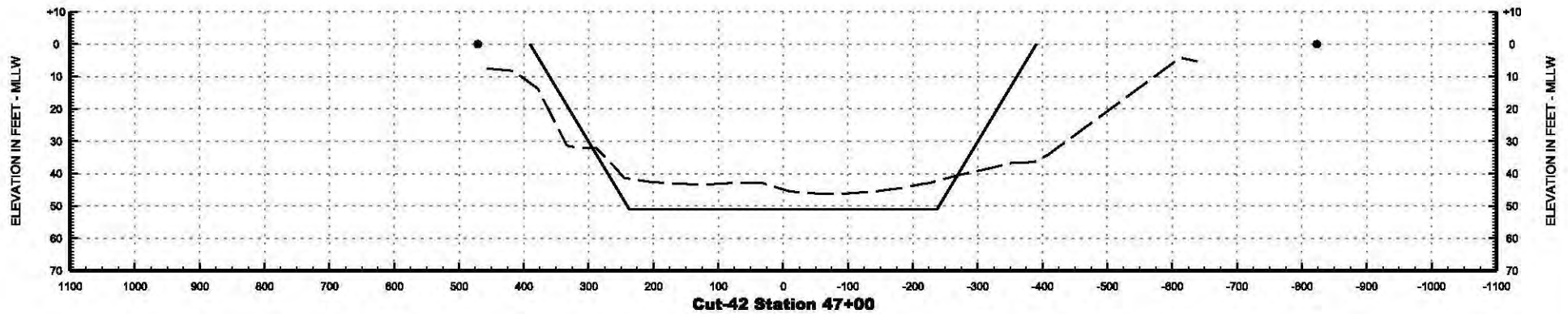
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 44+00 TO 46+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

169



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

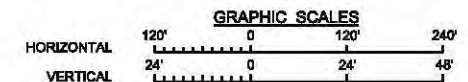
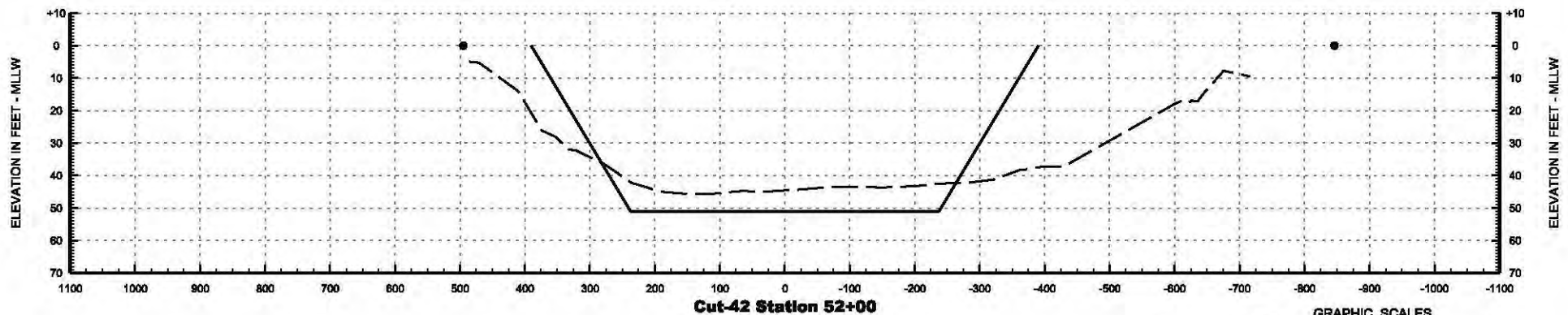
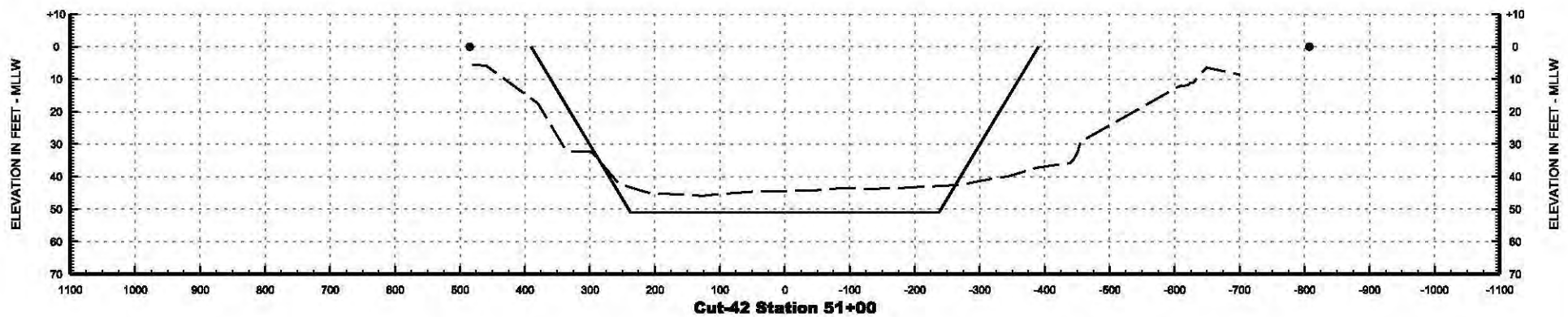
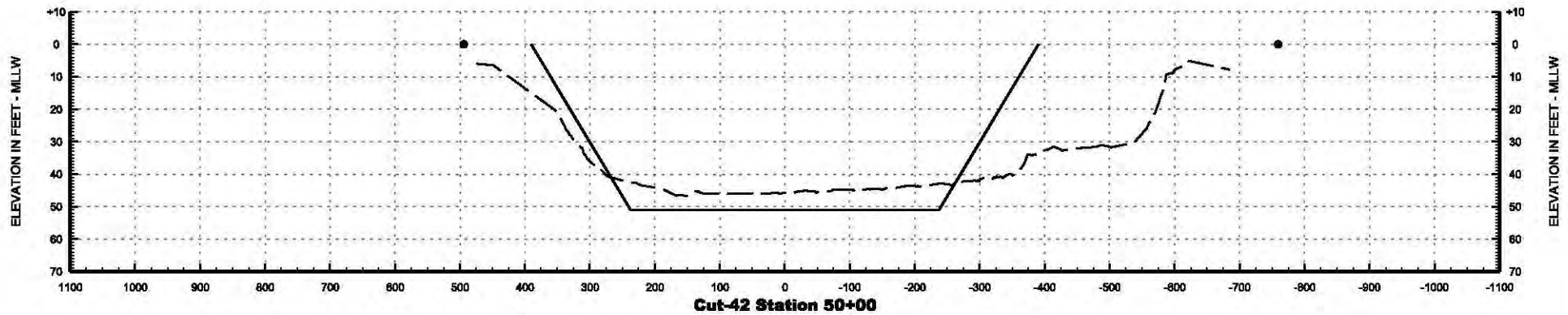
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 47+00 TO 49+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

170



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

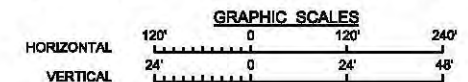
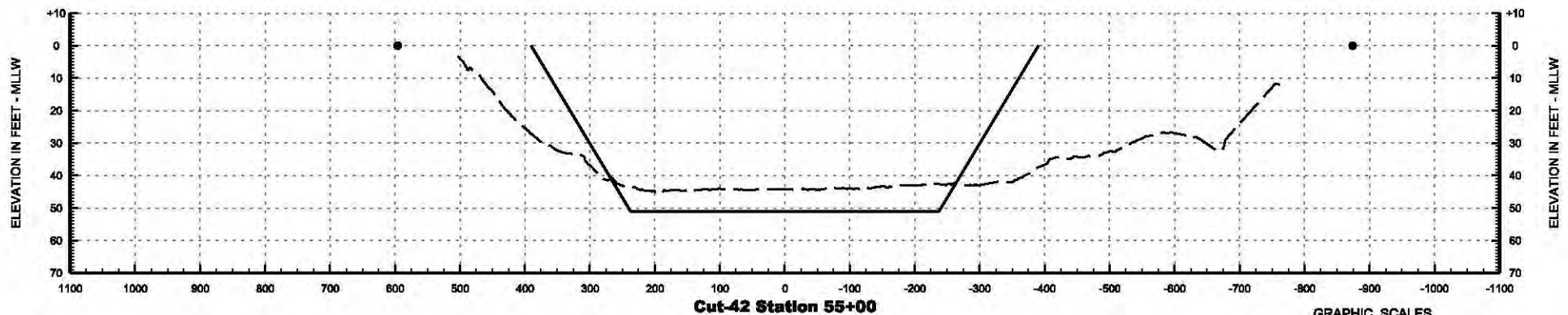
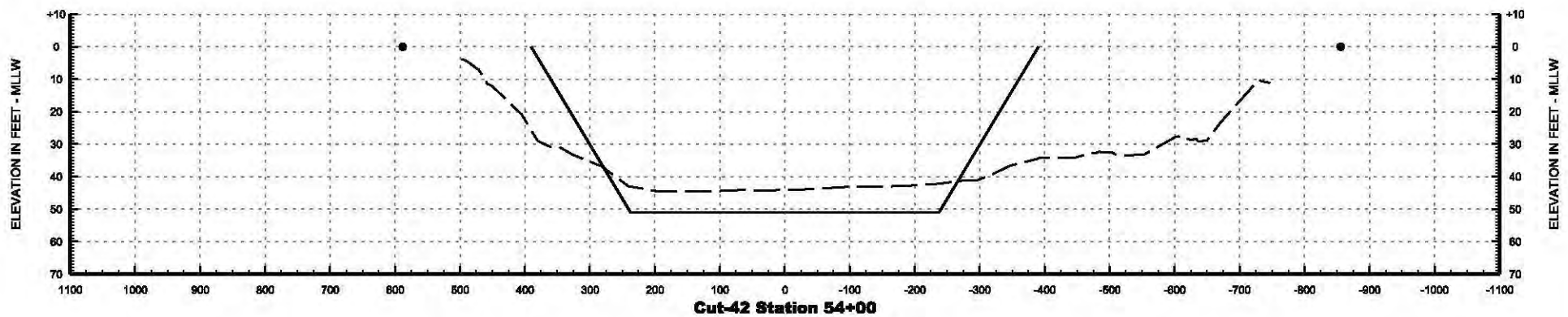
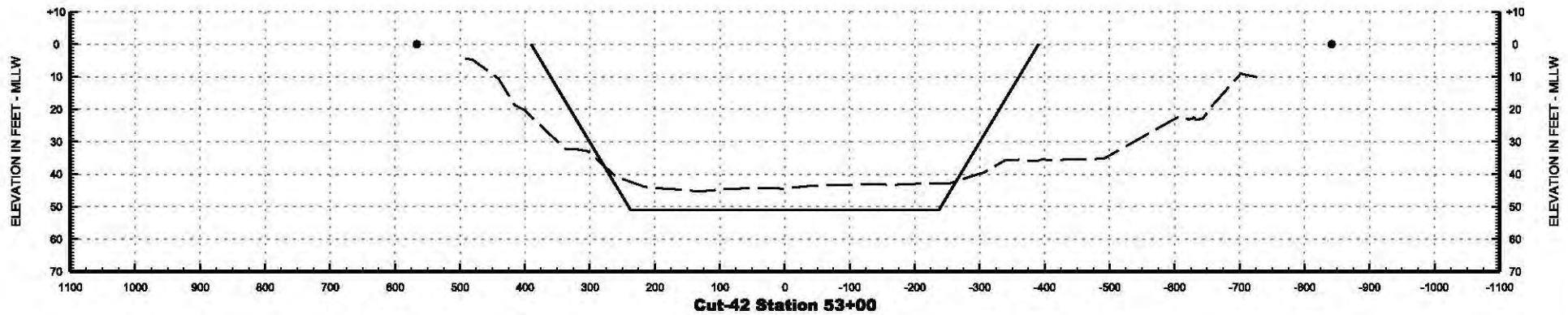
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 50+00 TO 52+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

171



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

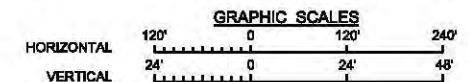
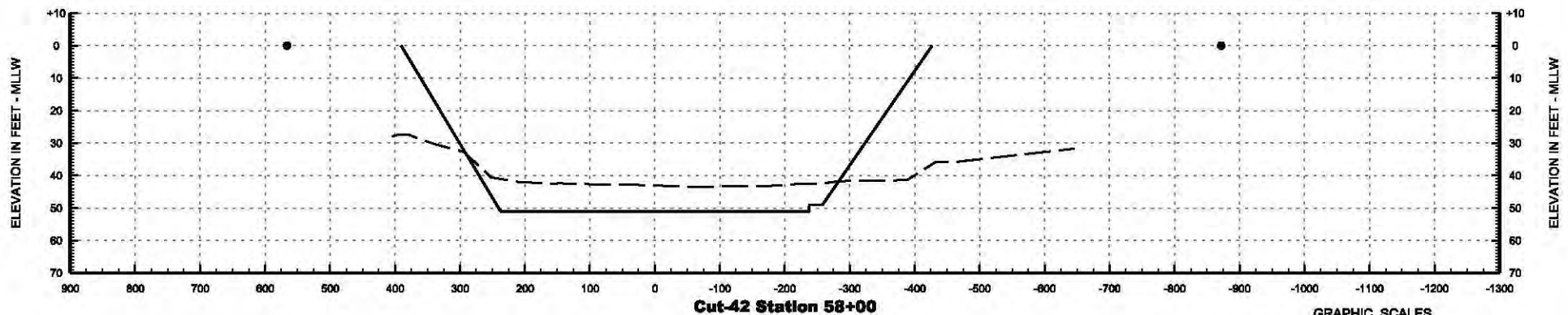
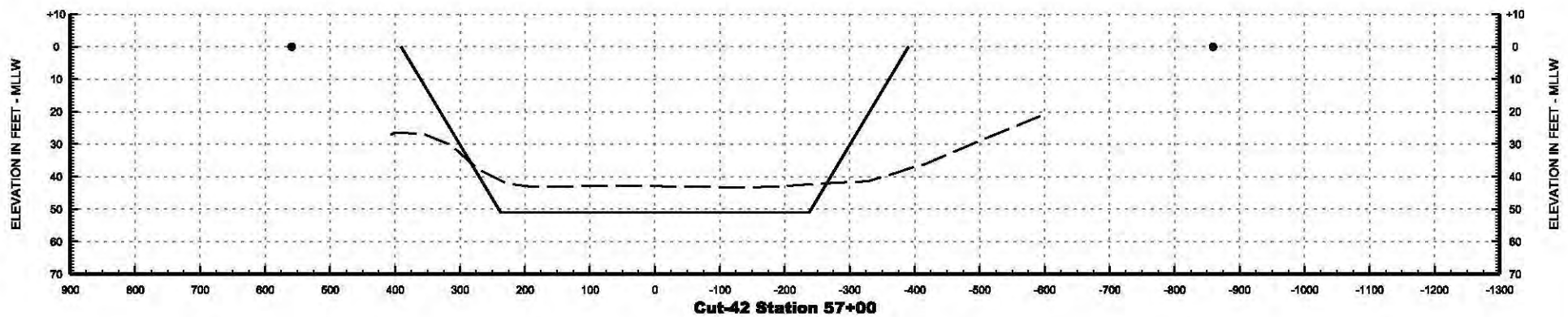
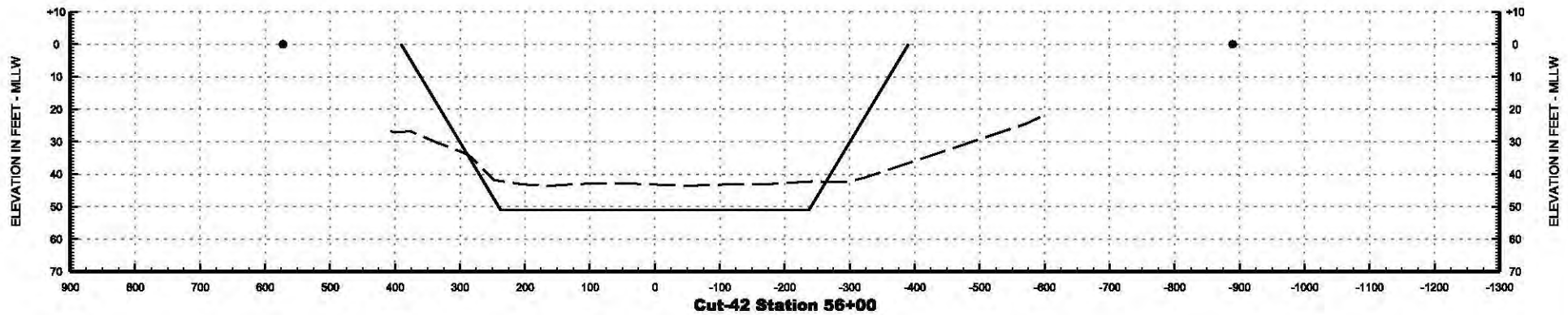
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 53+00 TO 55+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

172



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

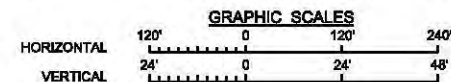
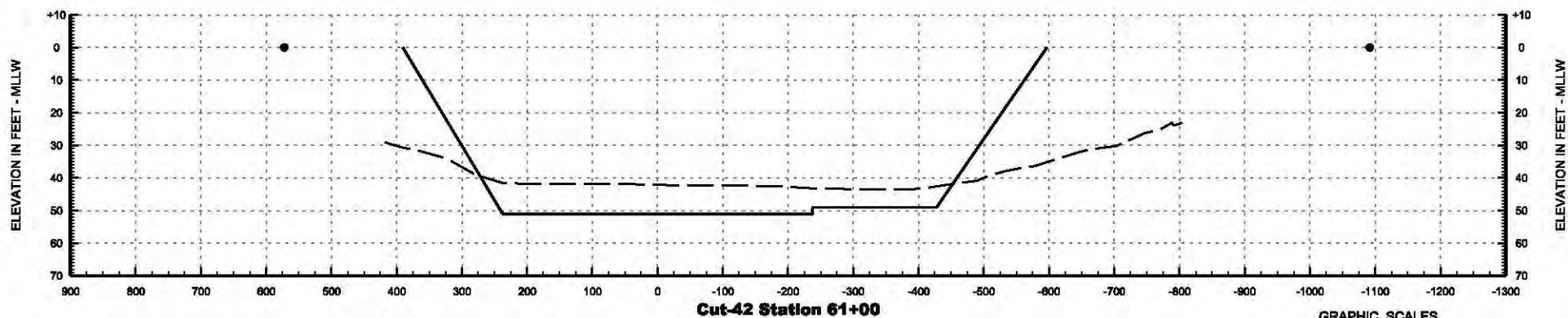
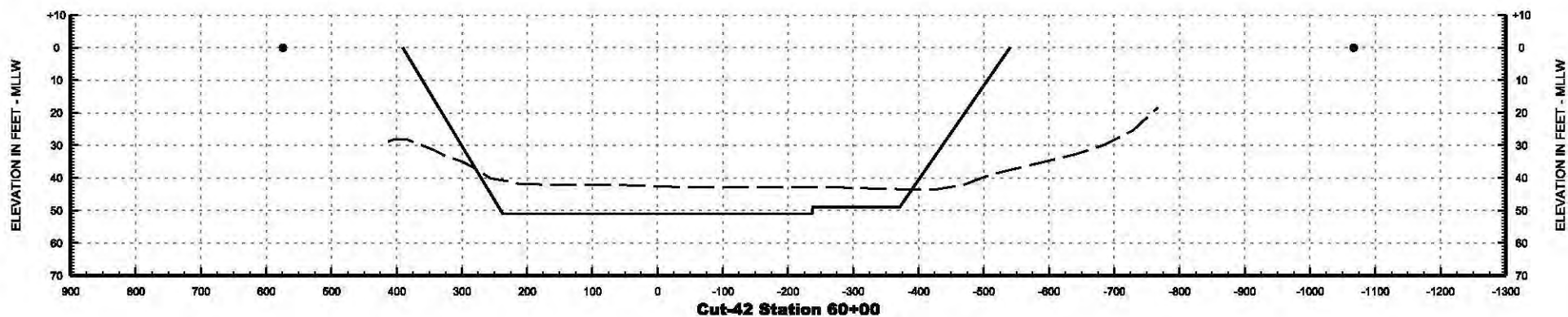
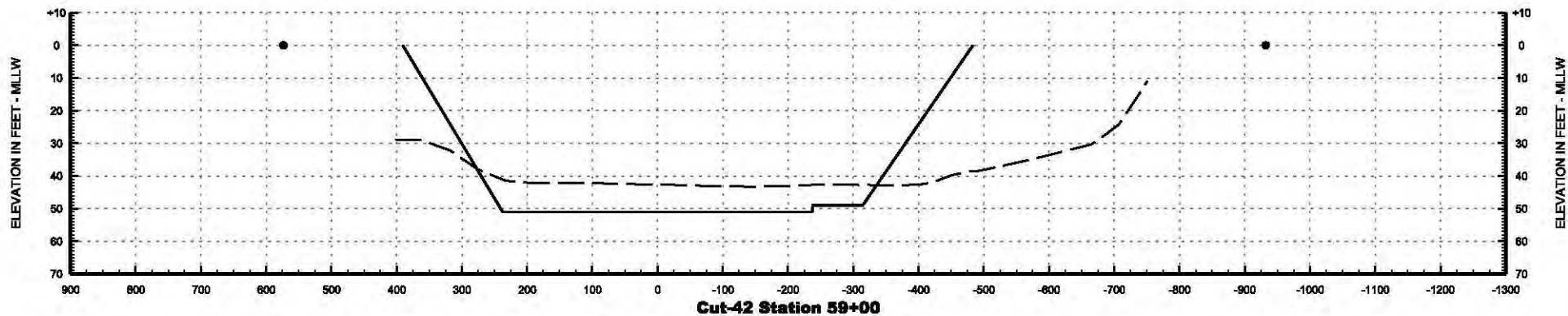
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 56+00 TO 58+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

173



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

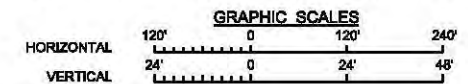
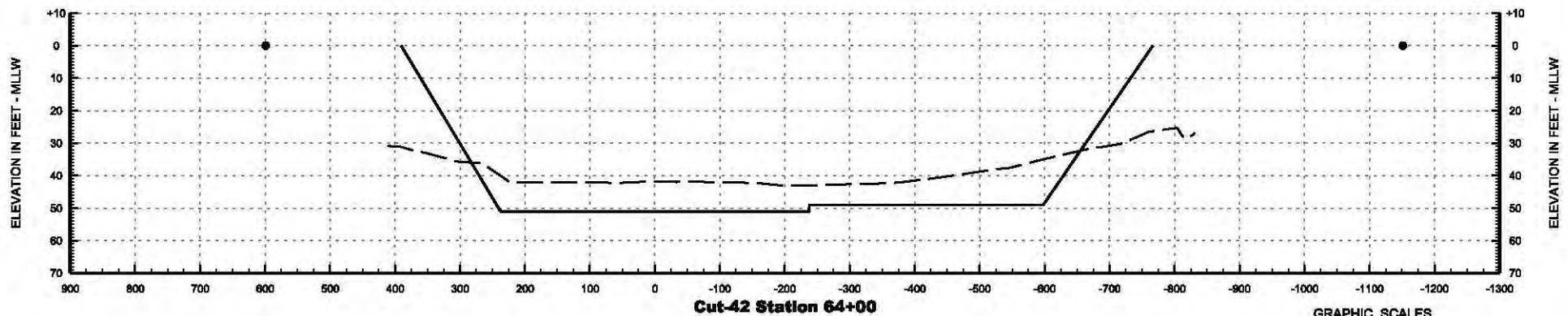
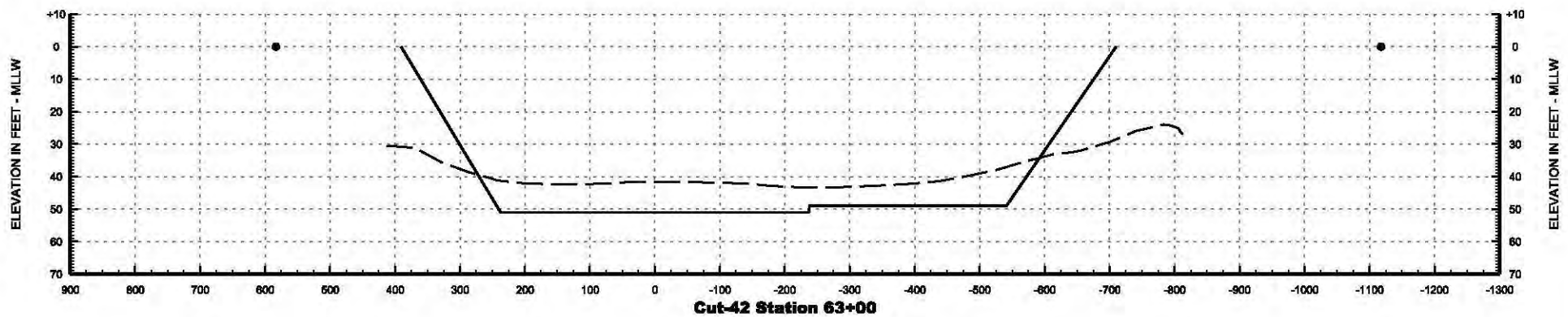
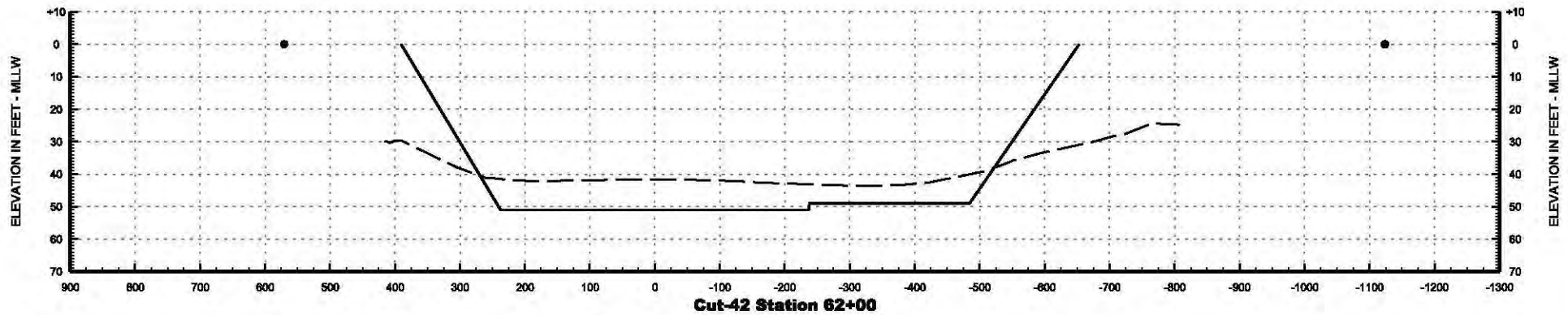
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 59+00 TO 61+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

174



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

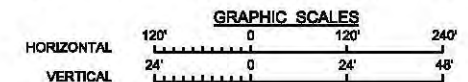
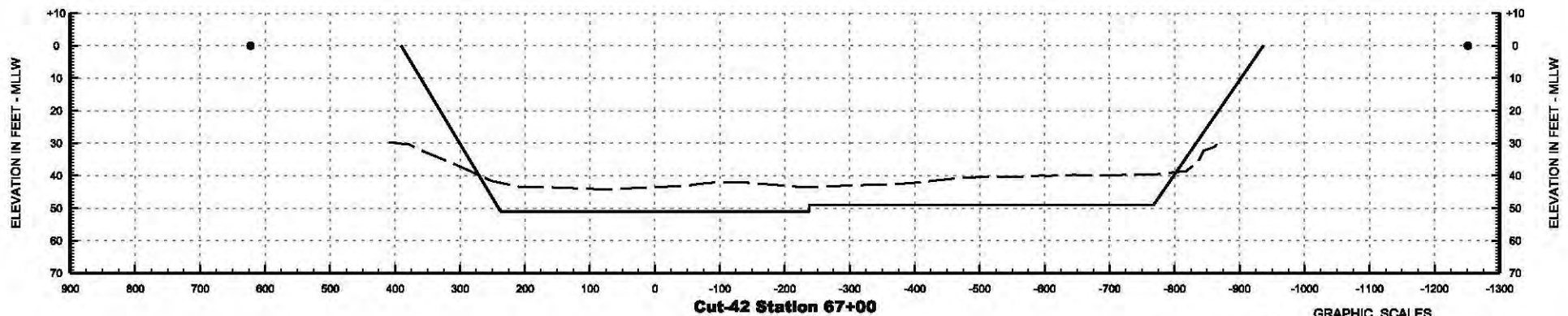
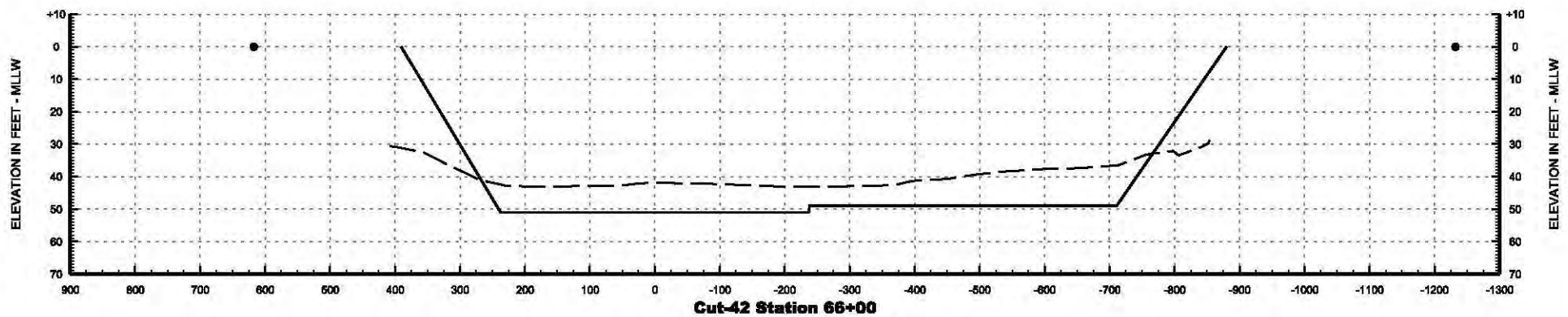
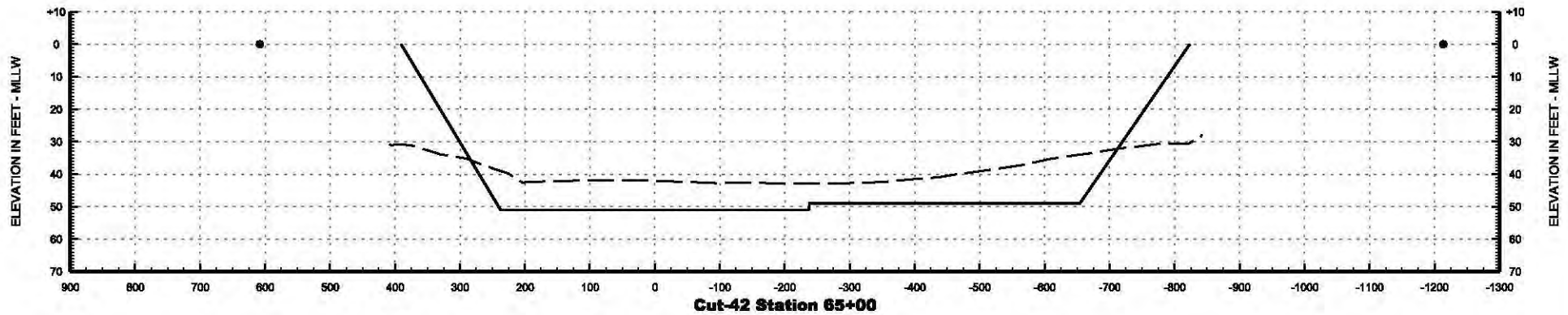
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 62+00 TO 64+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

175



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

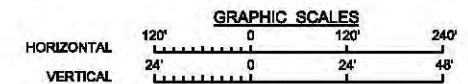
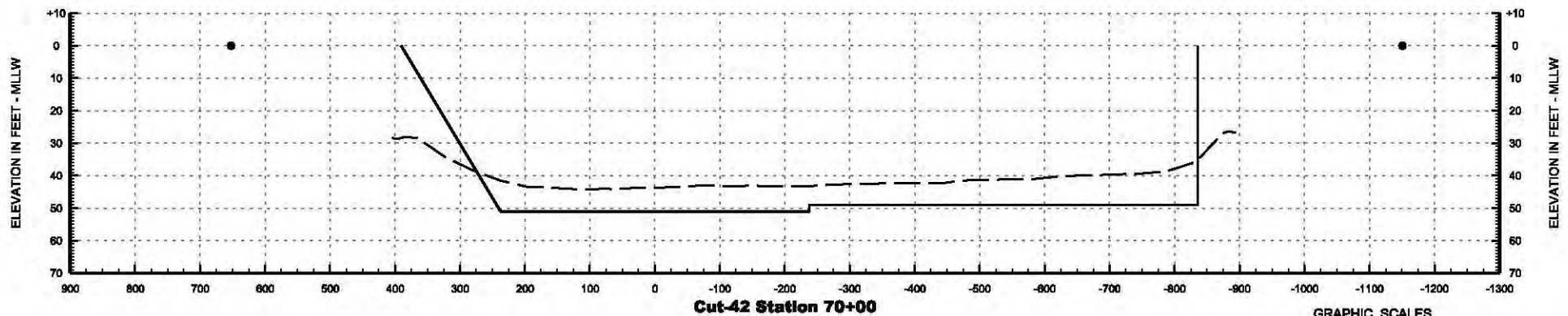
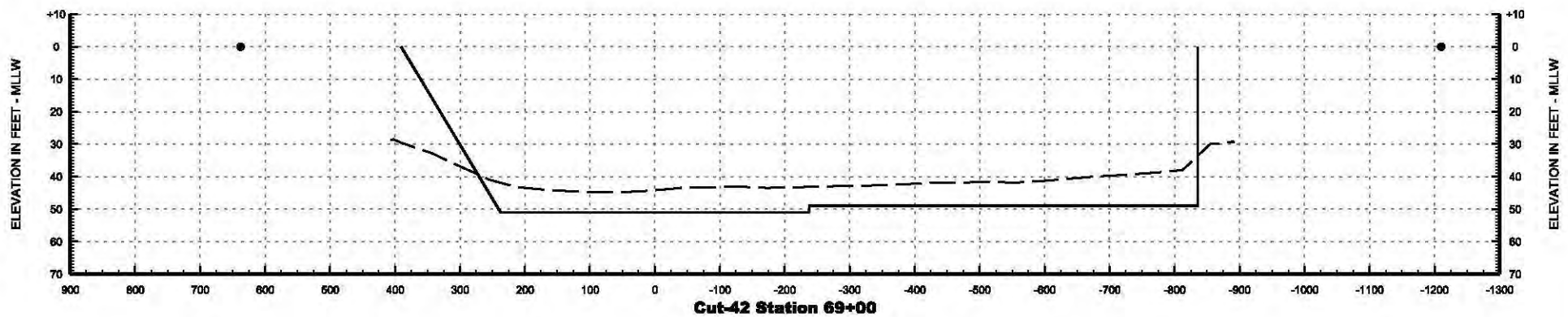
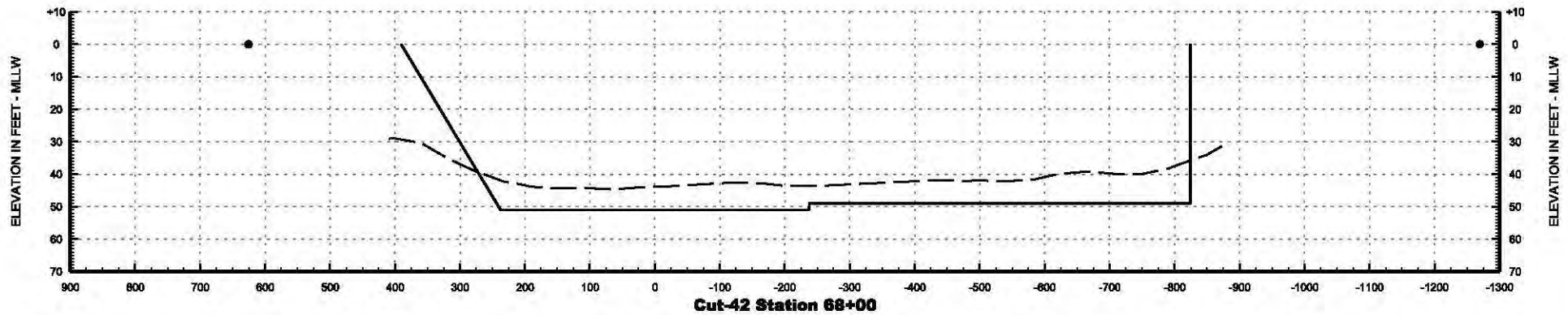
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 65+00 TO 67+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

176



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

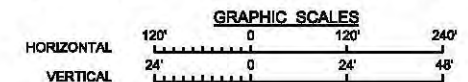
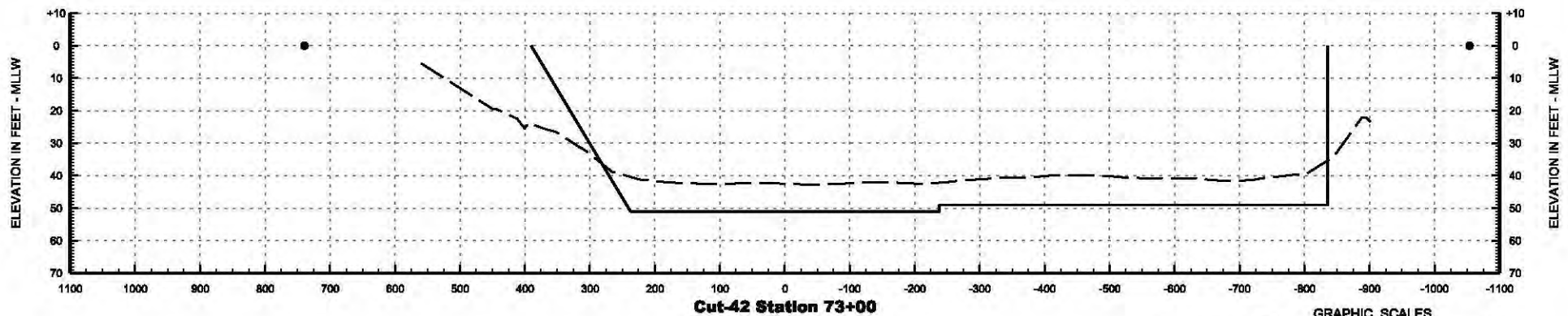
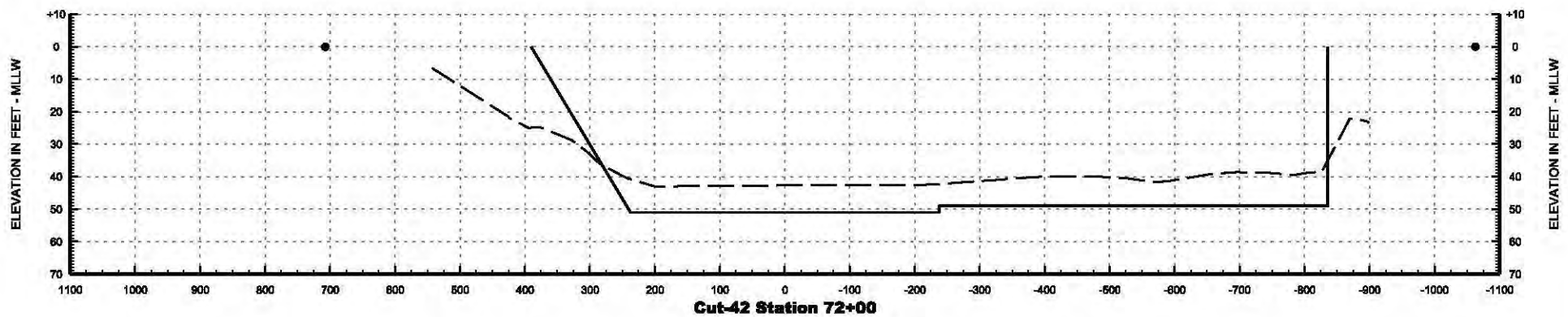
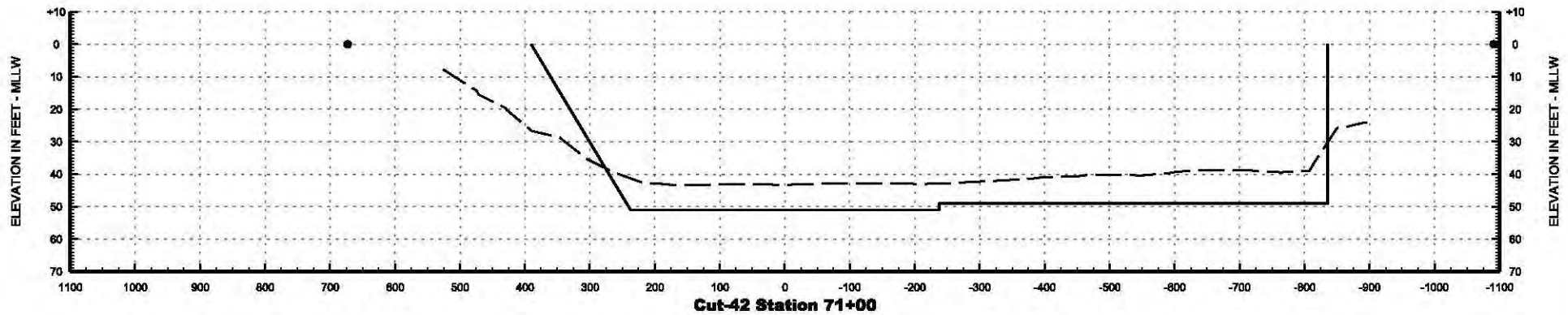
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 68+00 TO 70+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

177



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

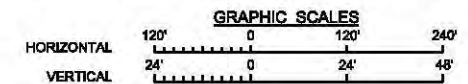
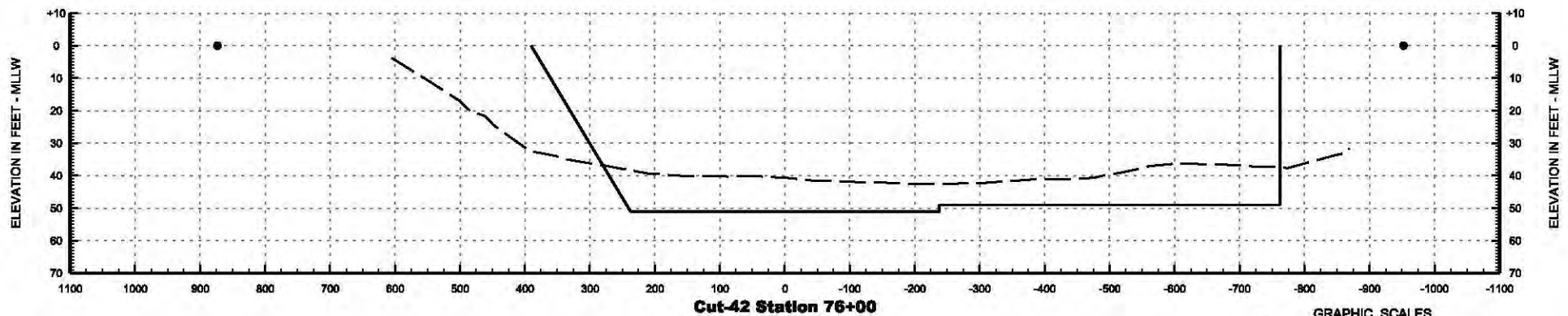
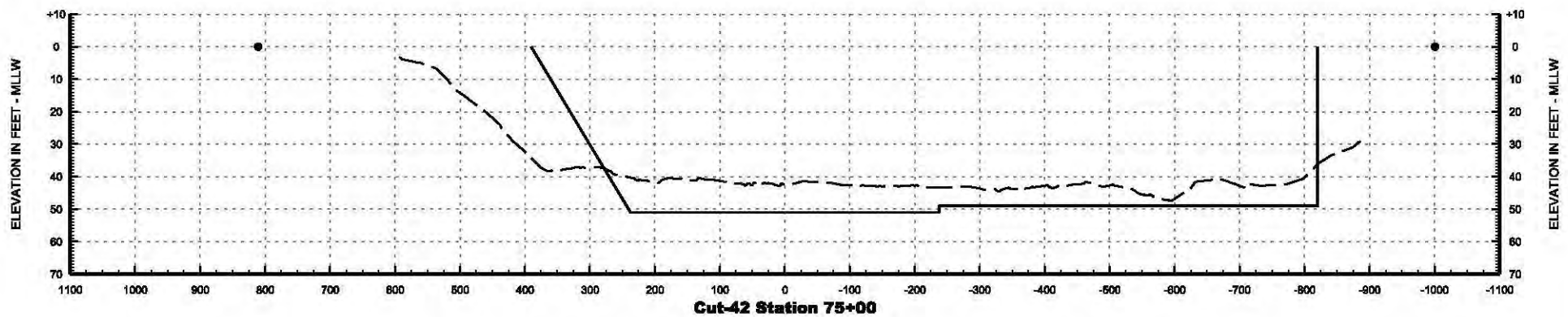
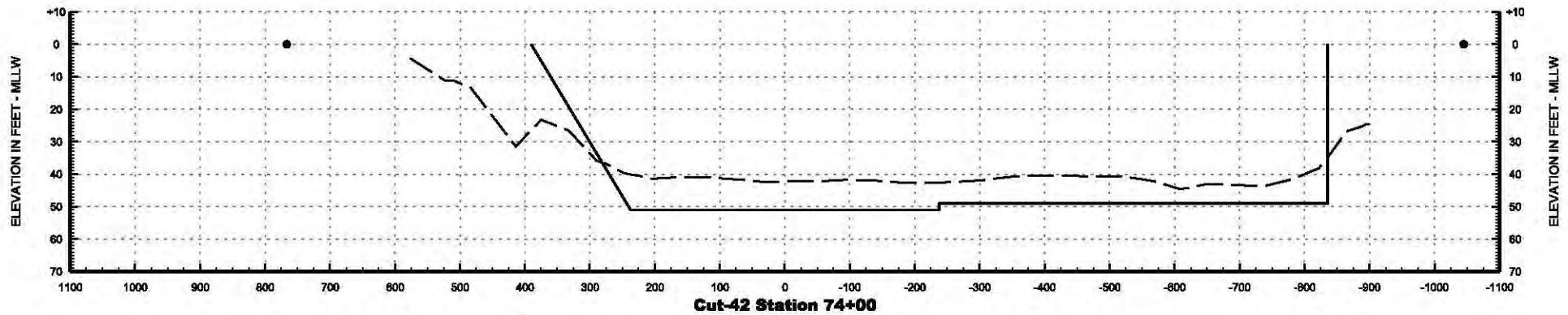
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 71+00 TO 73+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

178



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

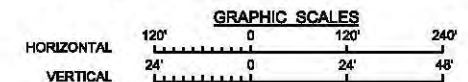
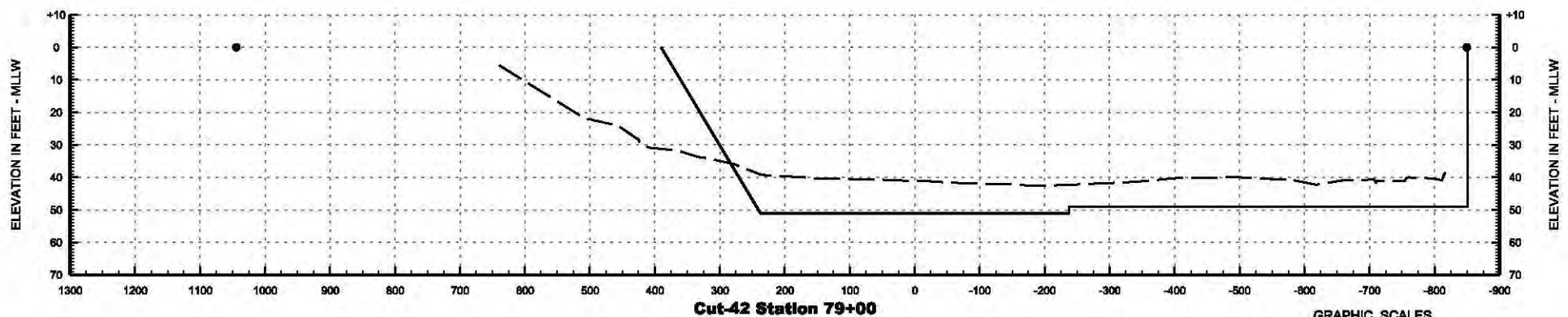
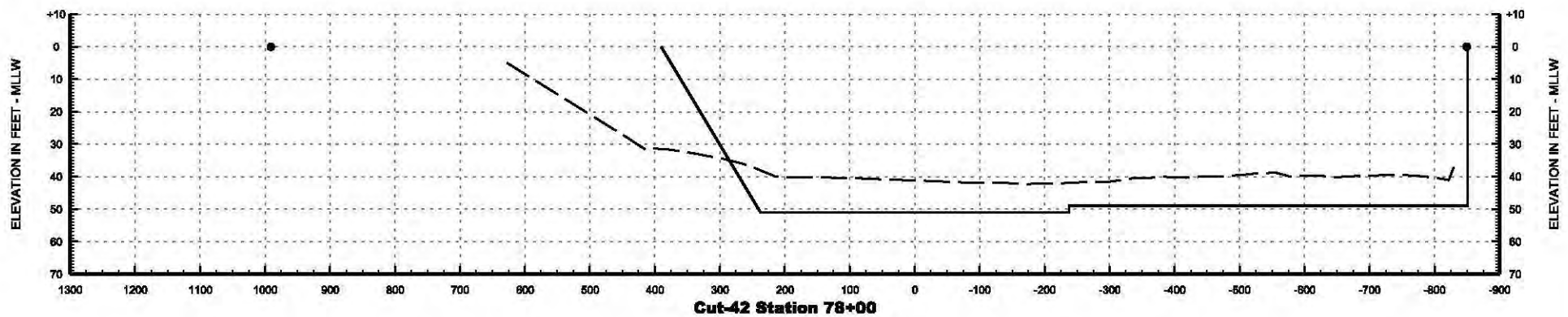
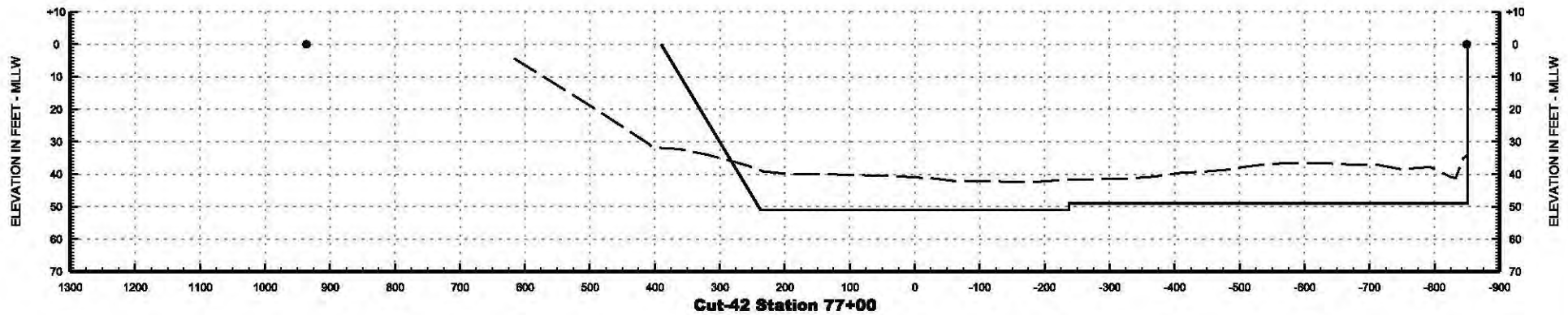
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 74+00 TO 76+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

179



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

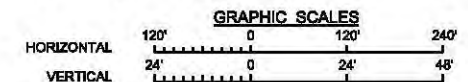
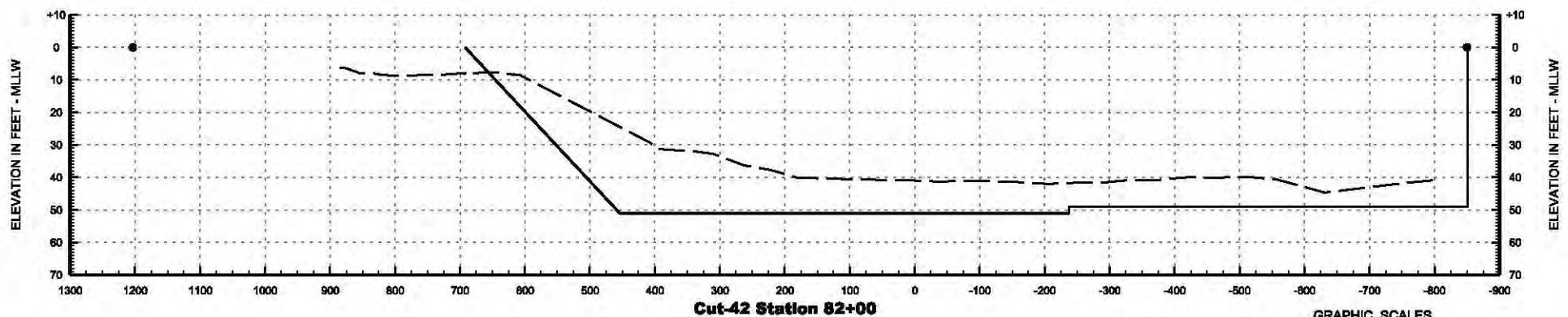
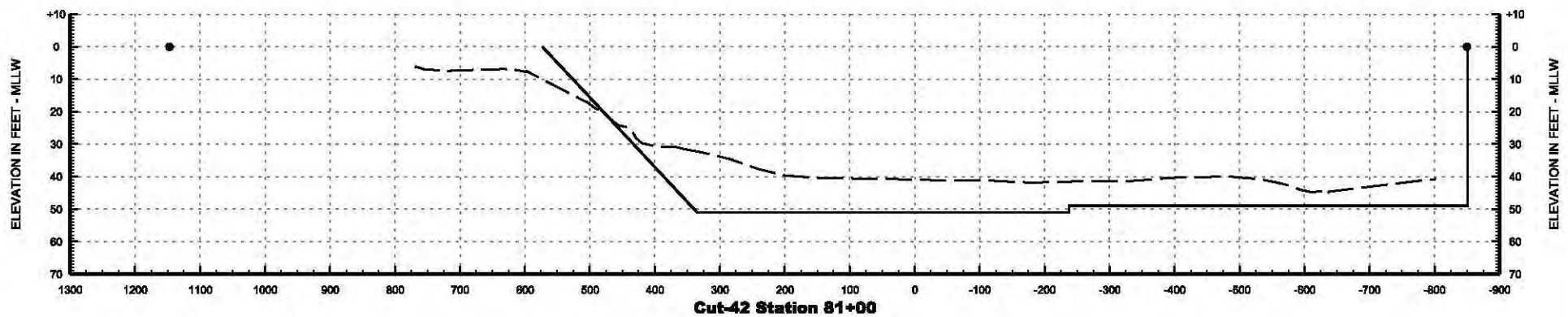
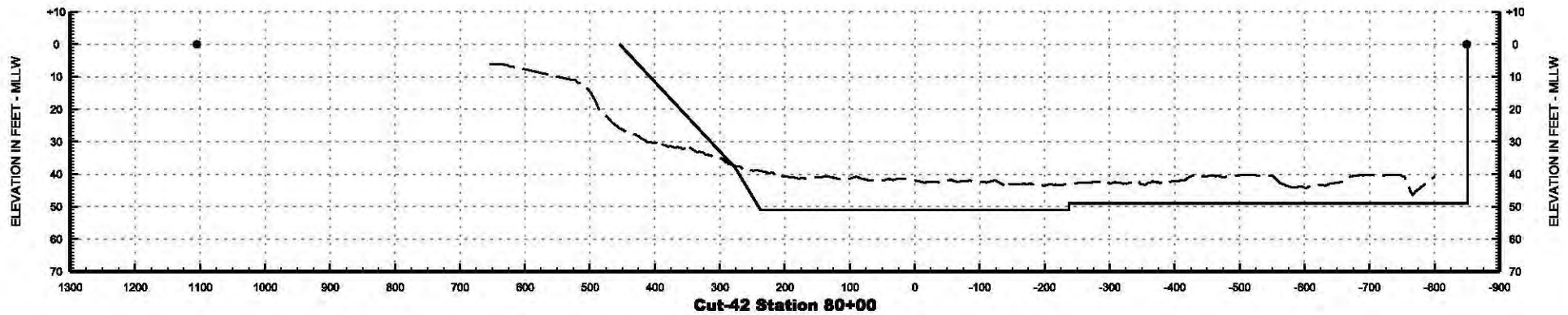
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 77+00 TO 79+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

180



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

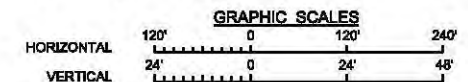
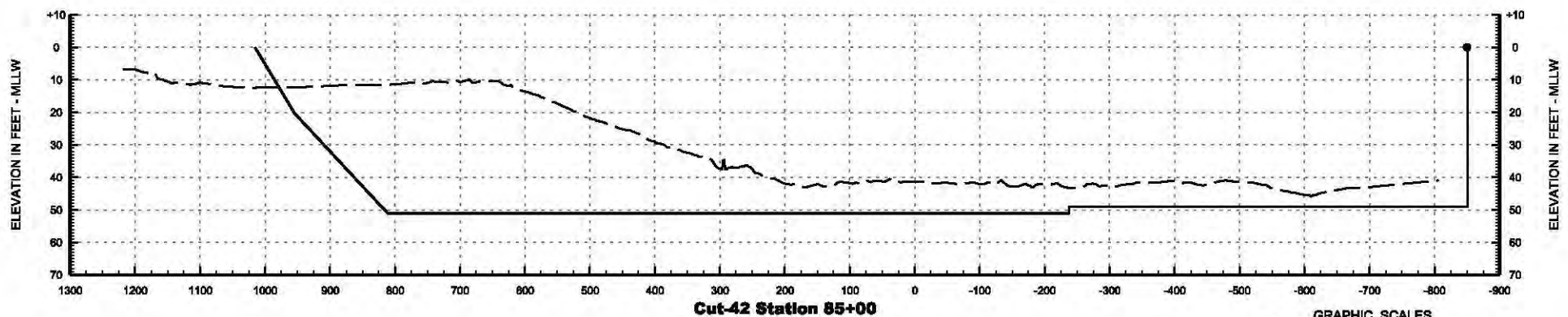
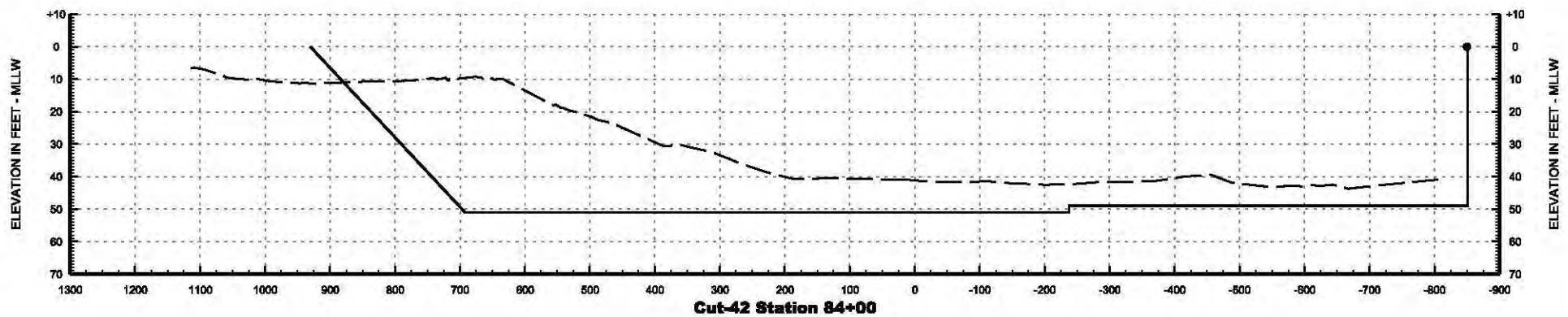
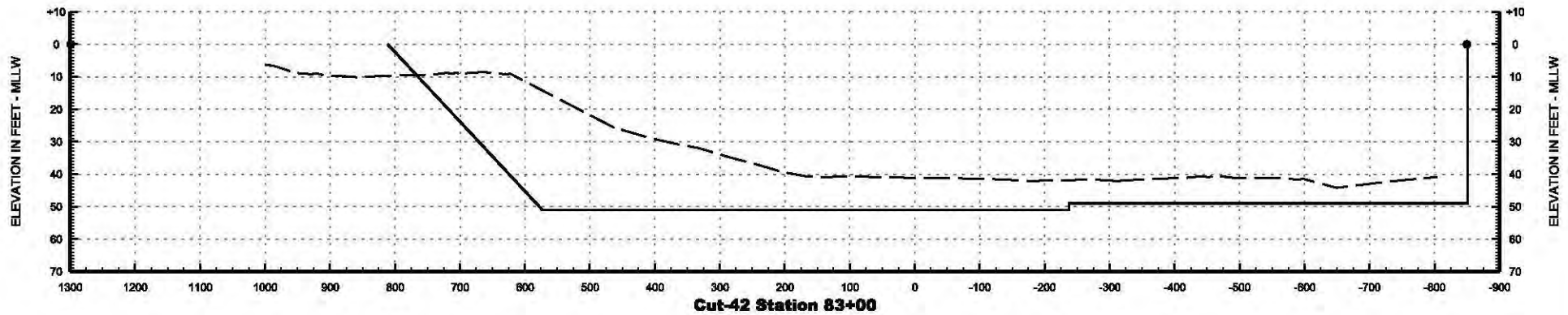
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 80+00 TO 82+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

181



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

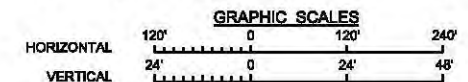
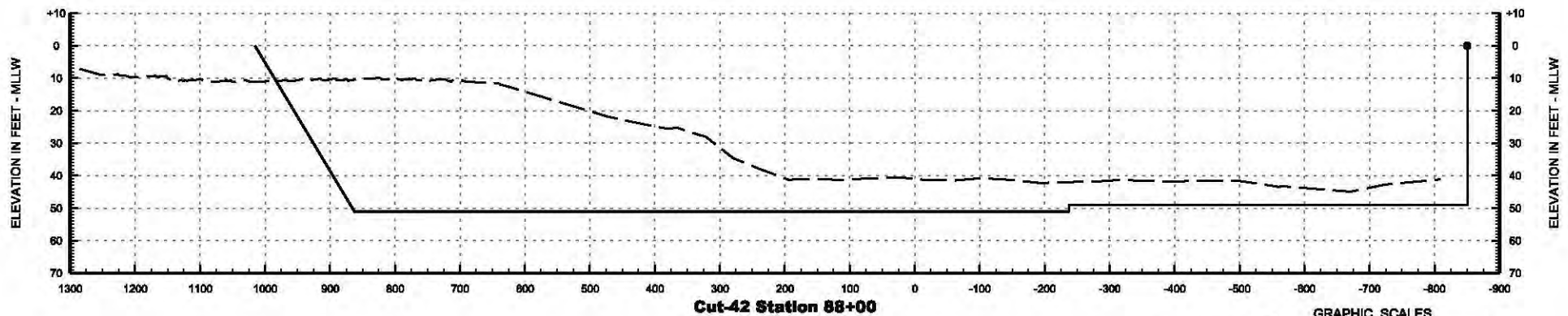
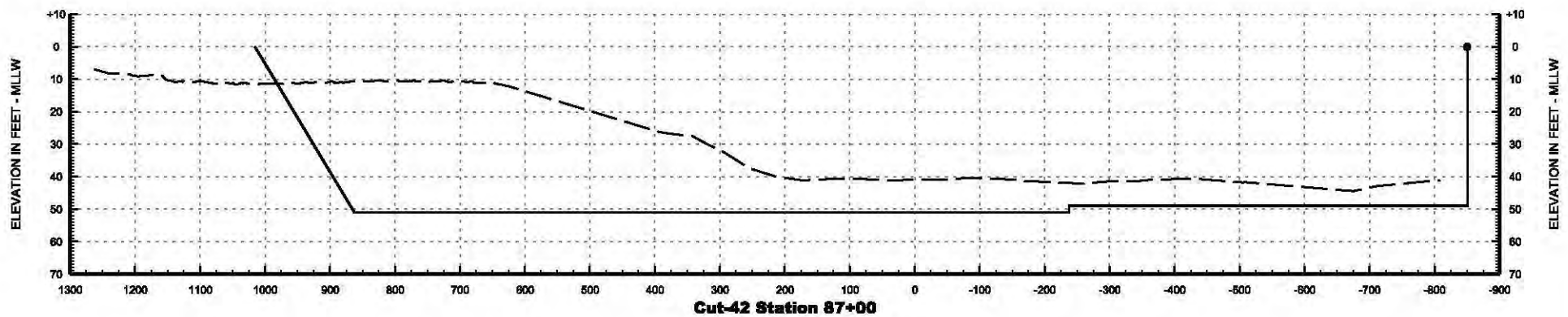
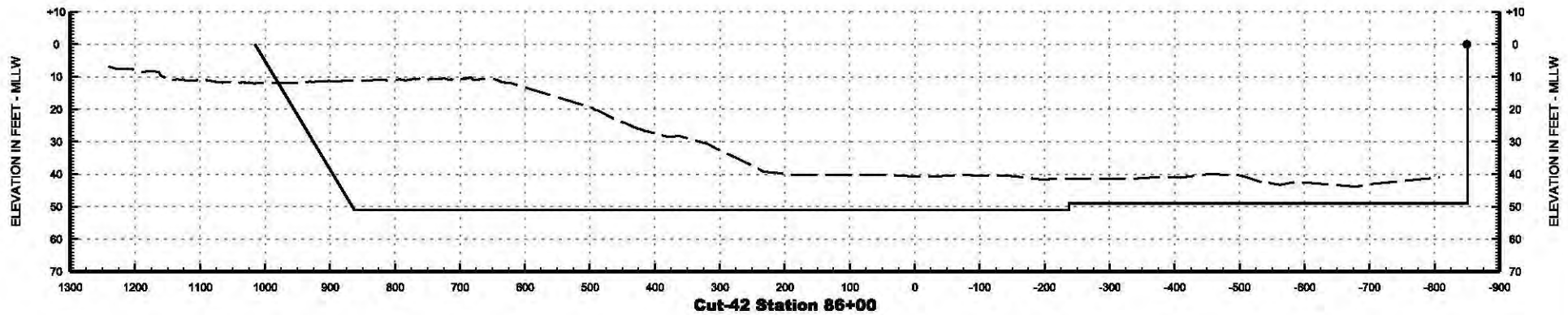
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 83+00 TO 85+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

182



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

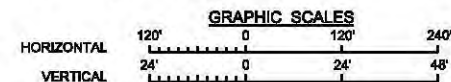
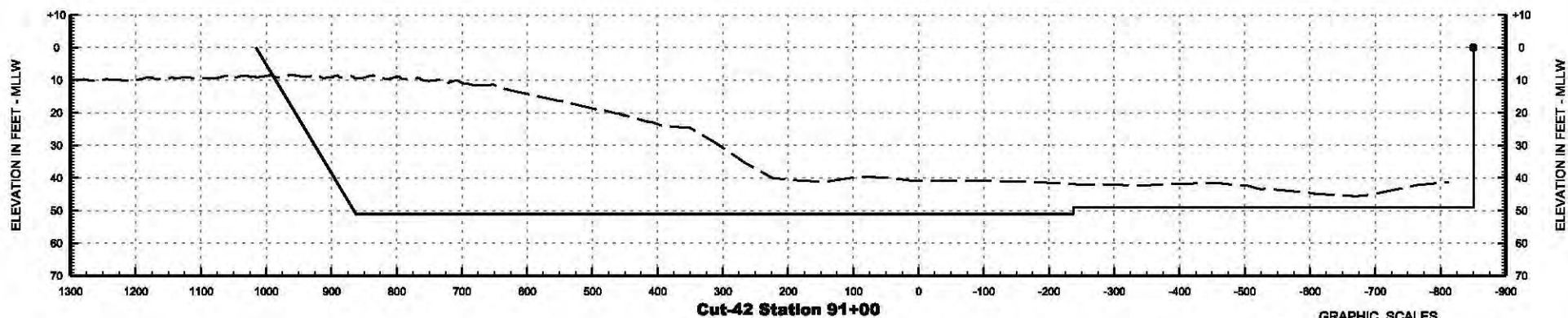
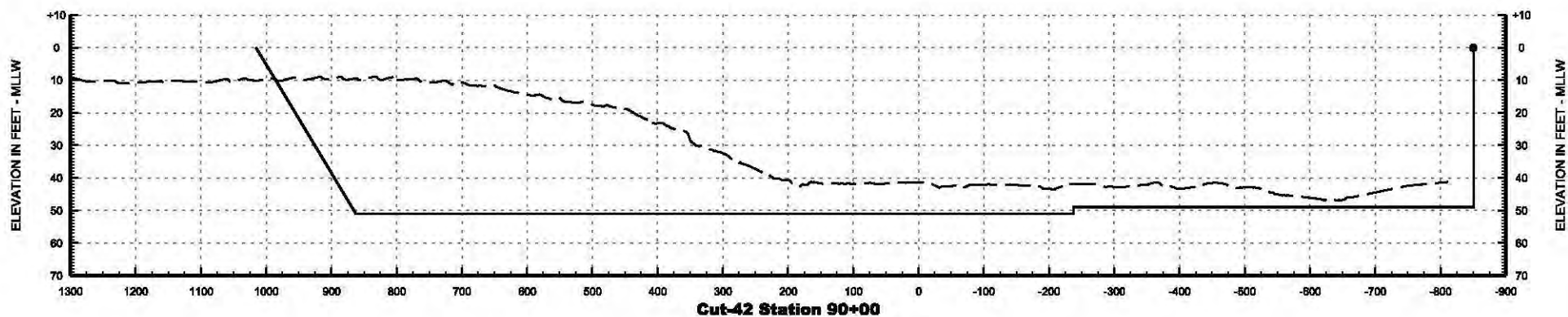
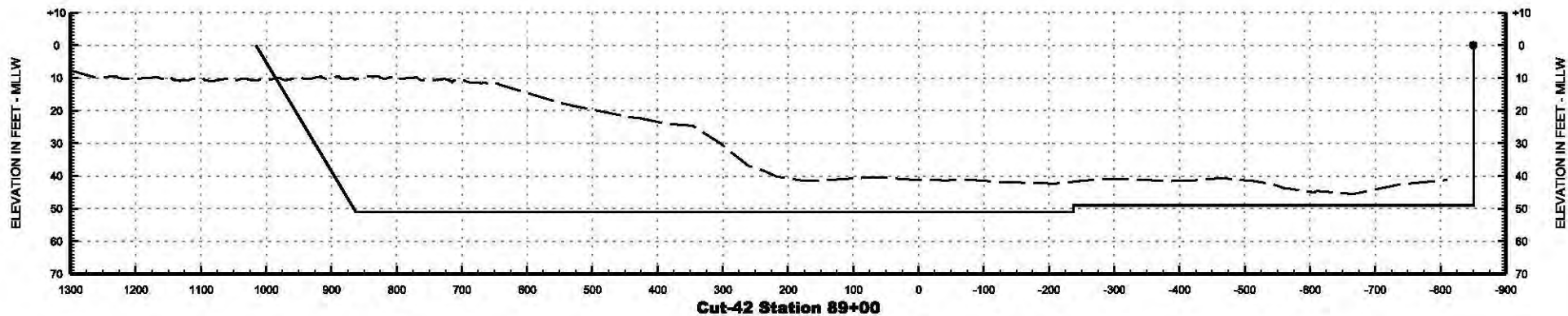
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 86+00 TO 88+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

183



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

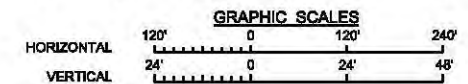
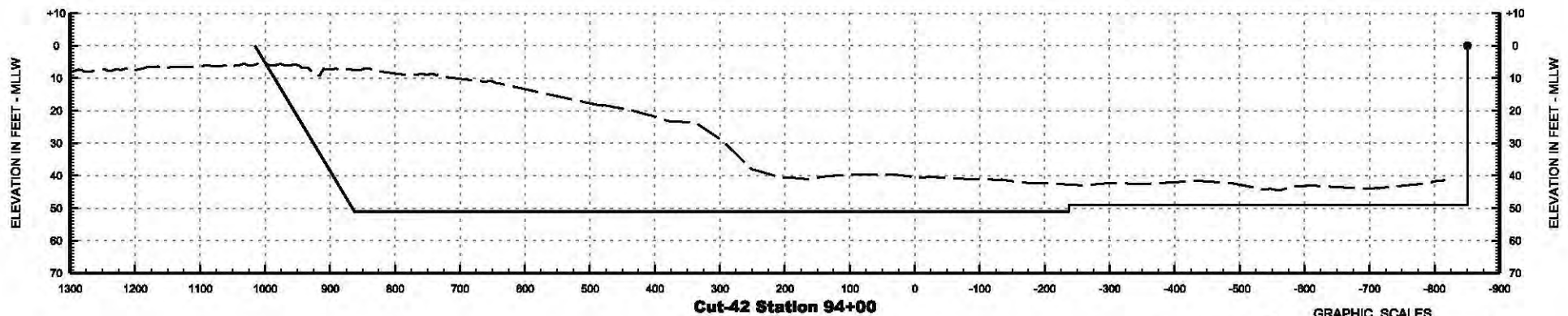
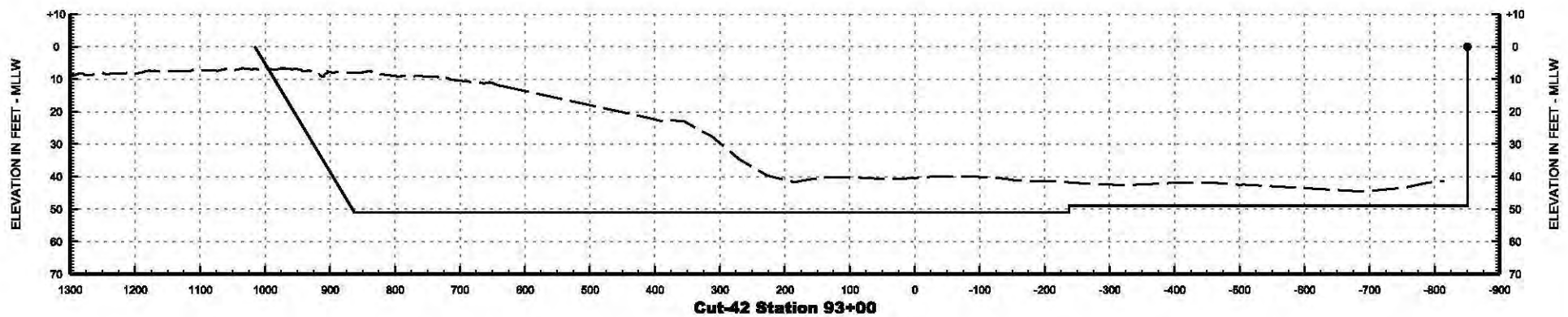
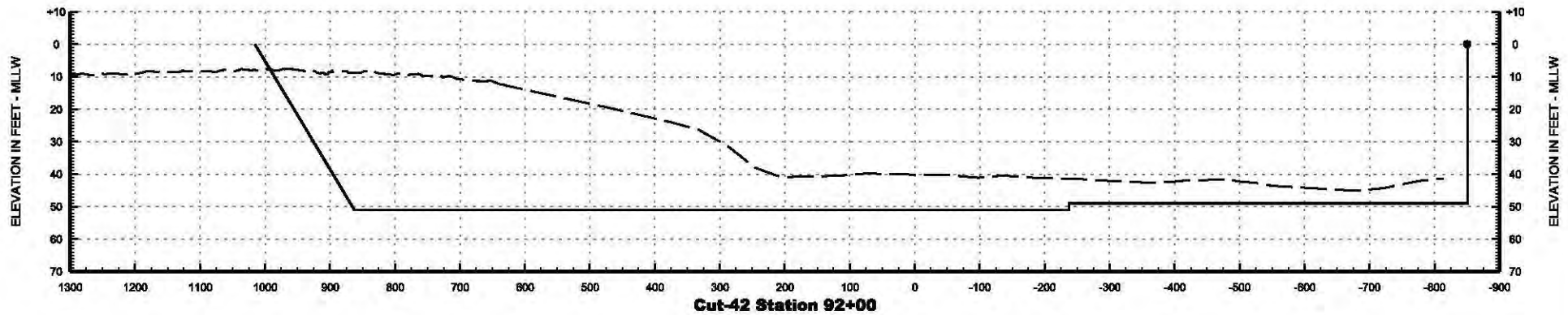
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 89+00 TO 91+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

184



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

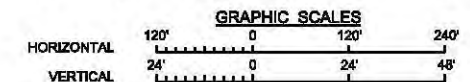
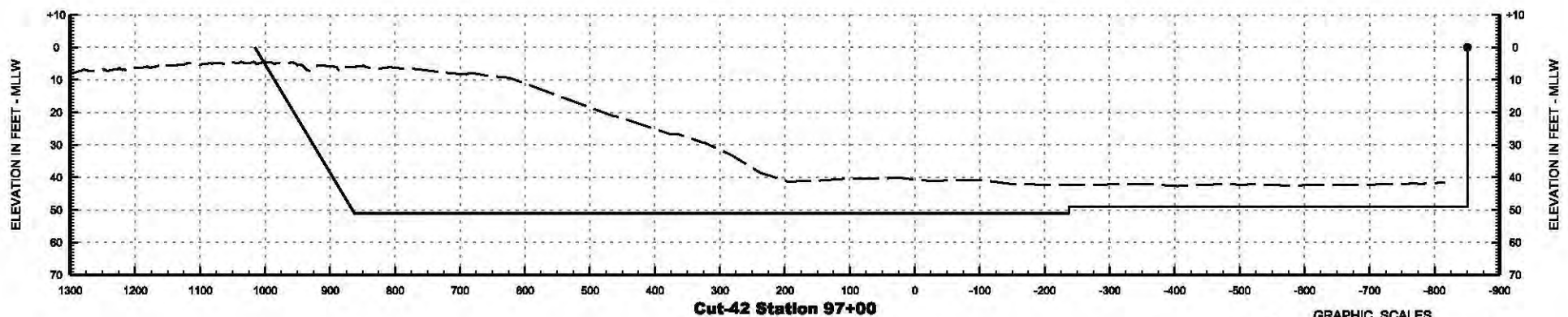
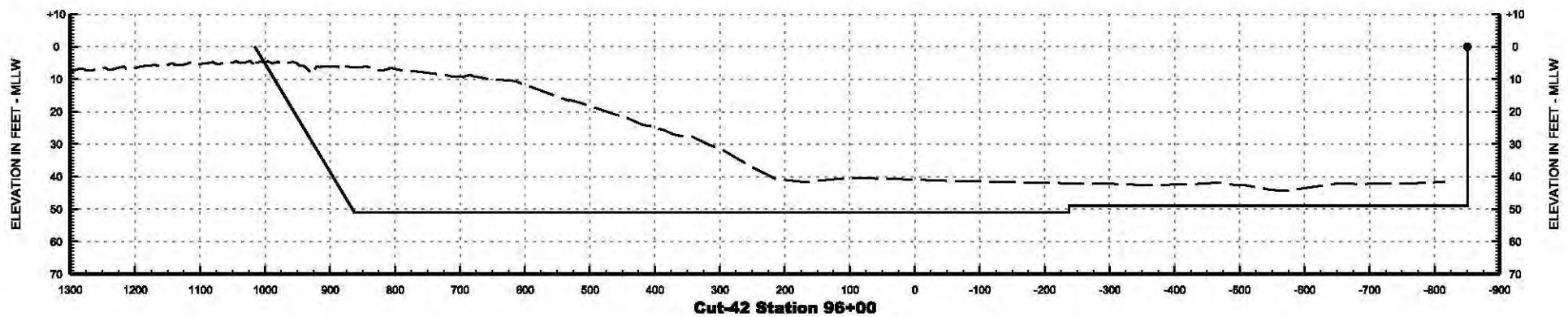
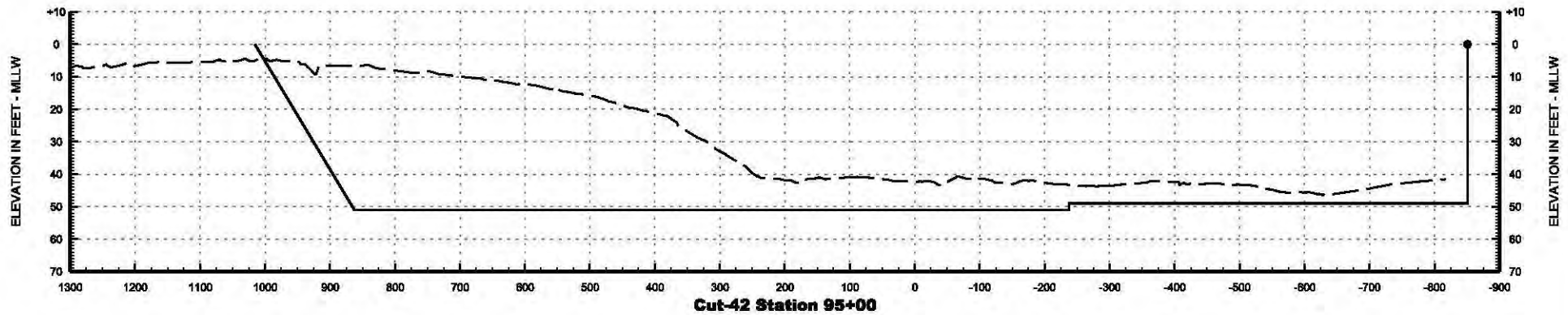
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 92+00 TO 94+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

185



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

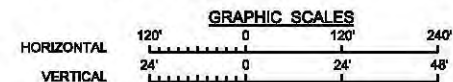
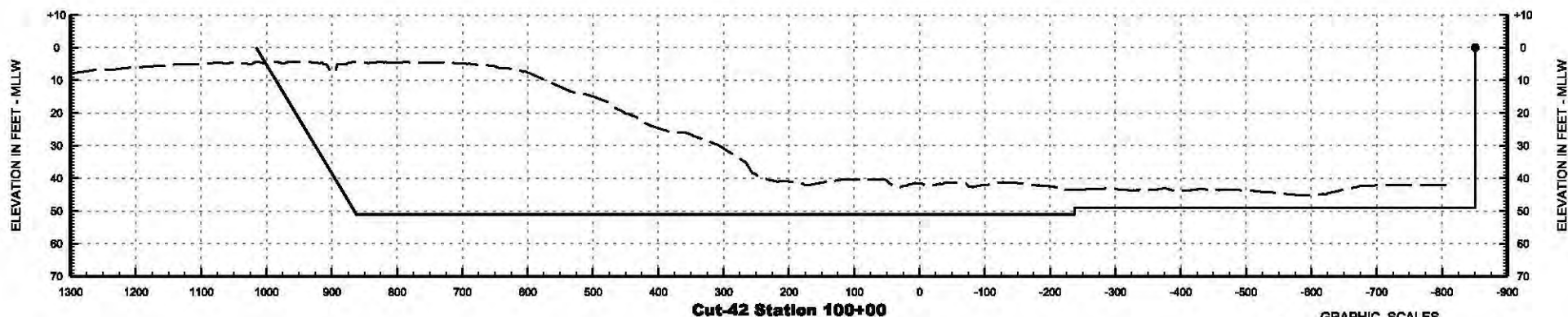
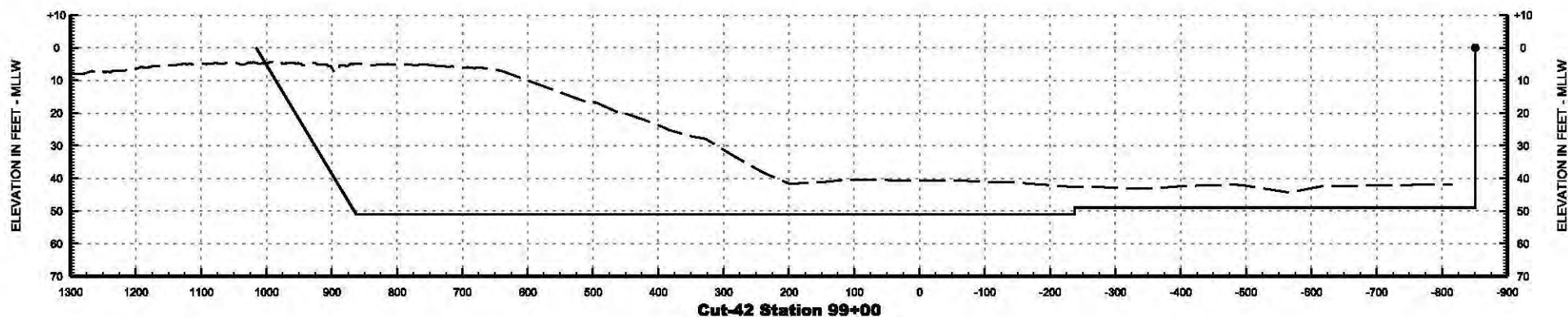
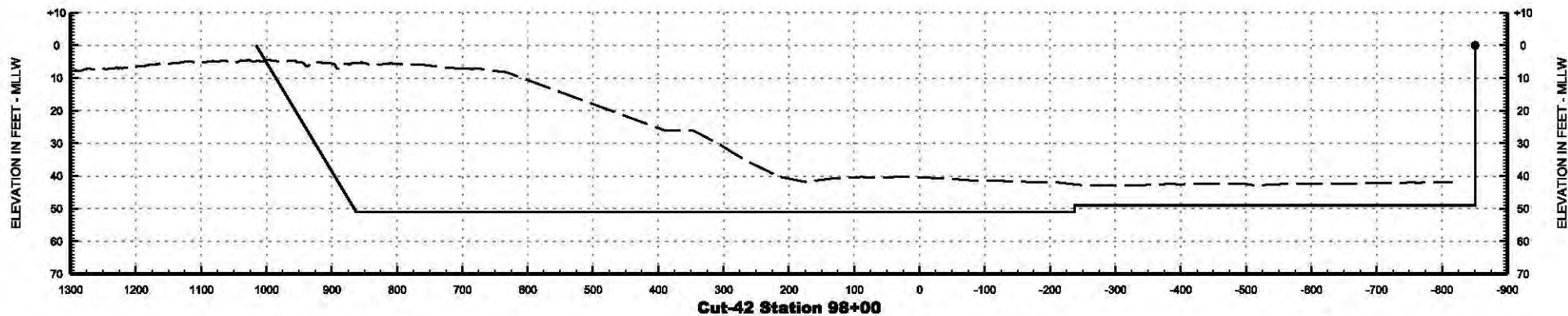
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 95+00 TO 97+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

186



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

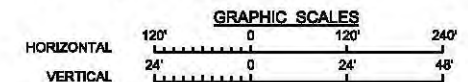
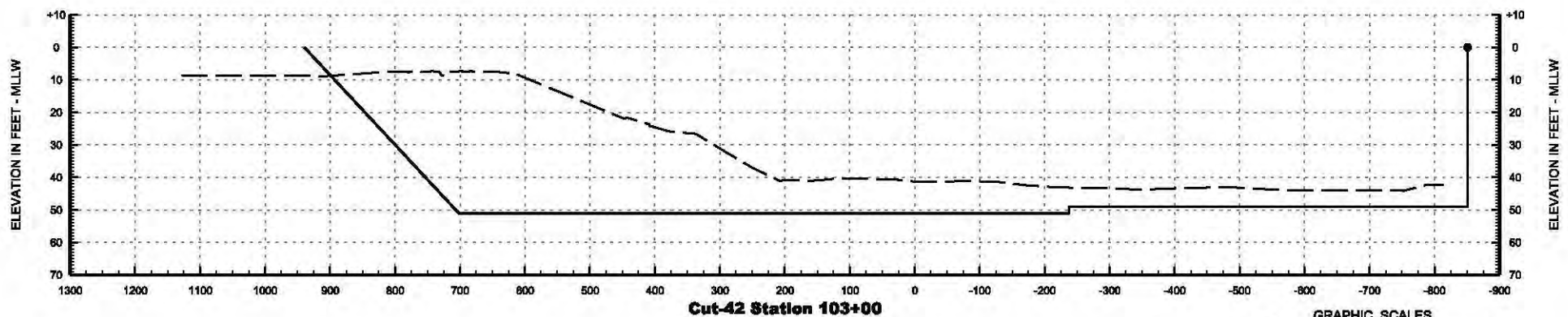
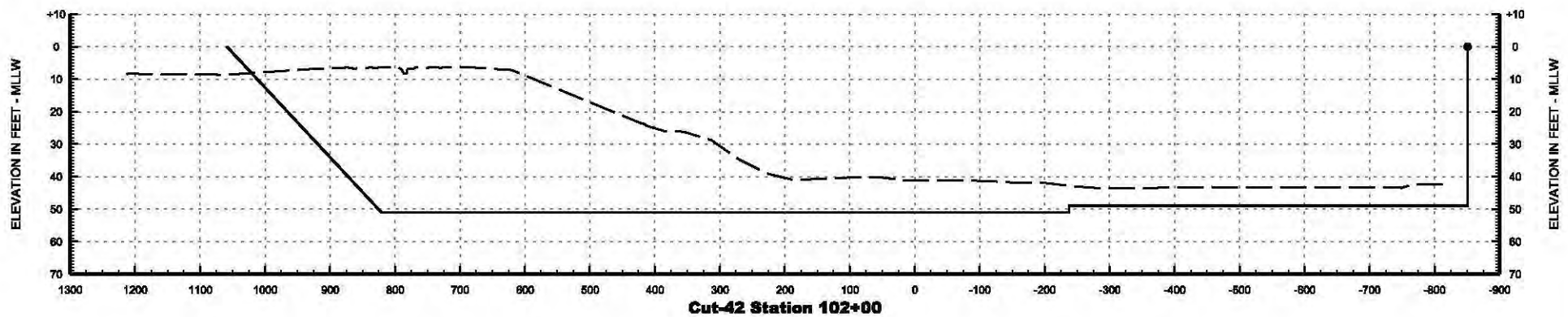
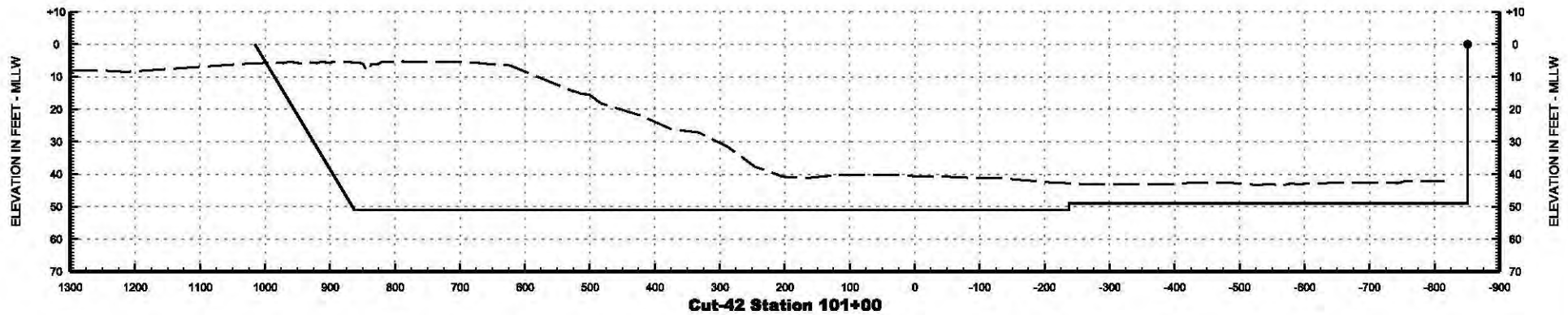
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 98+00 TO 100+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

187



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

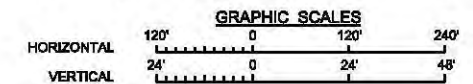
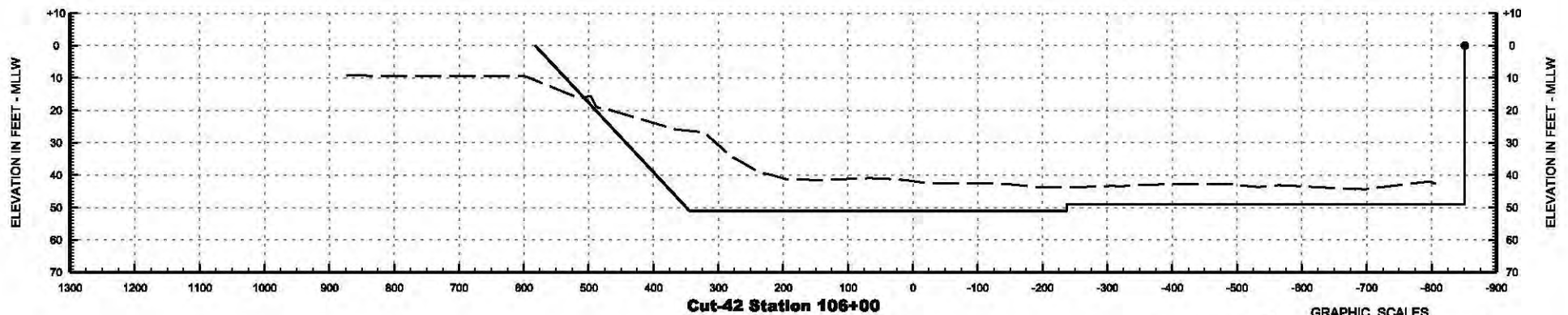
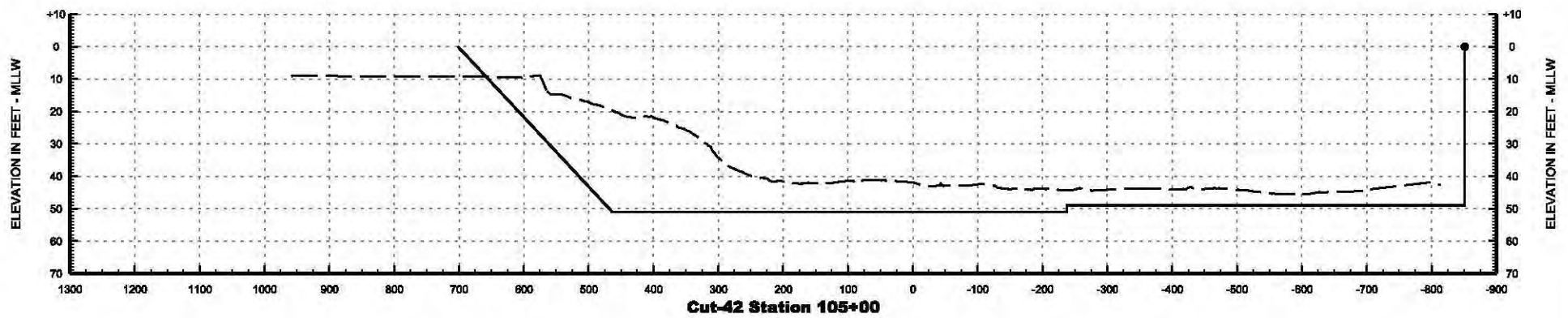
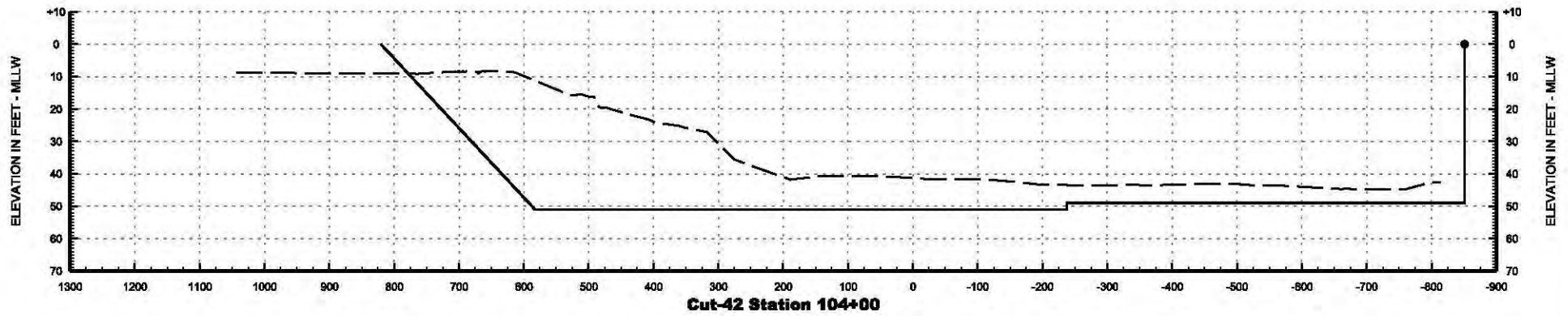
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 101+00 TO 103+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

188



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

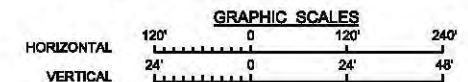
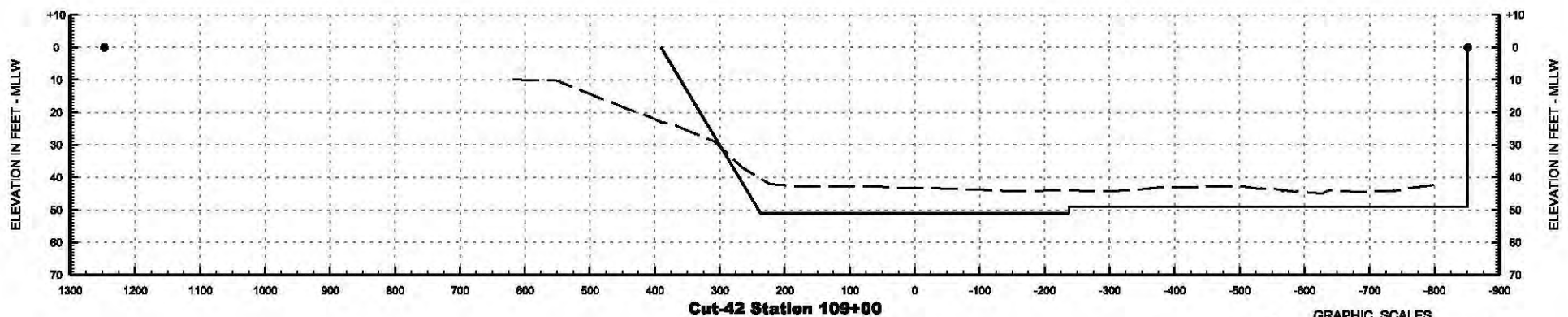
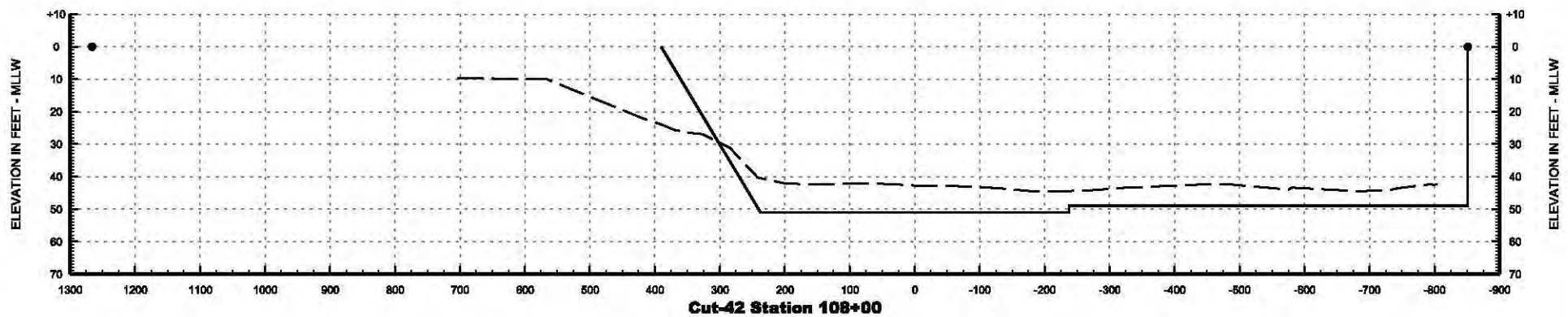
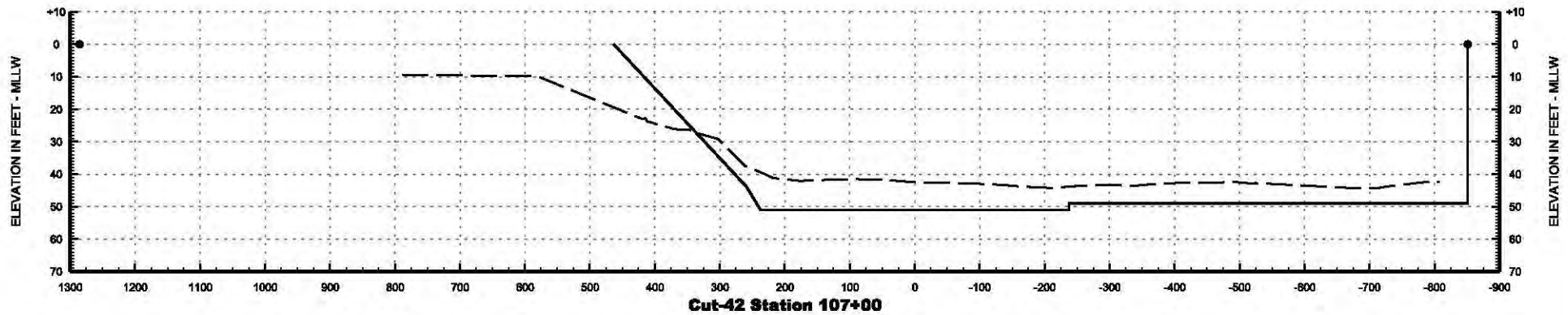
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 104+00 TO 106+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

189



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

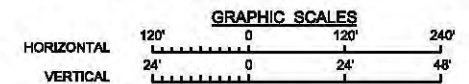
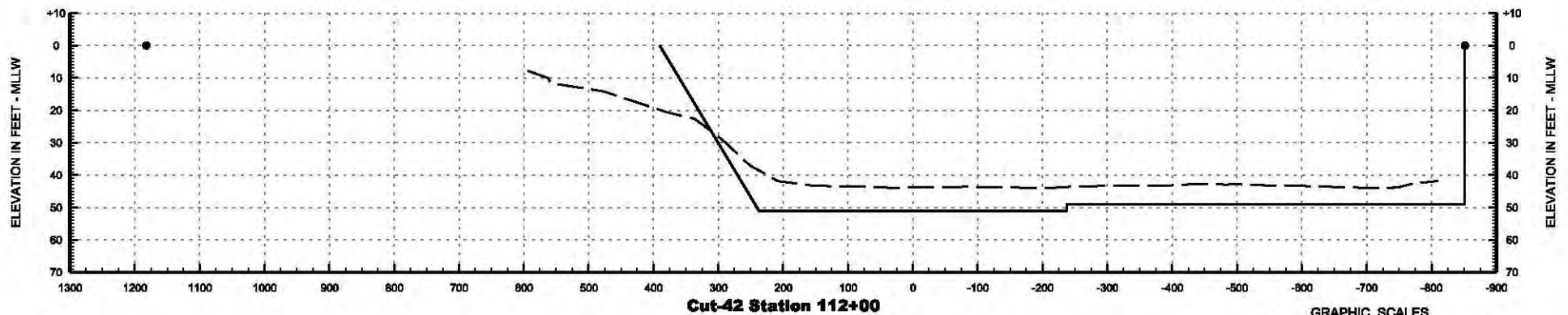
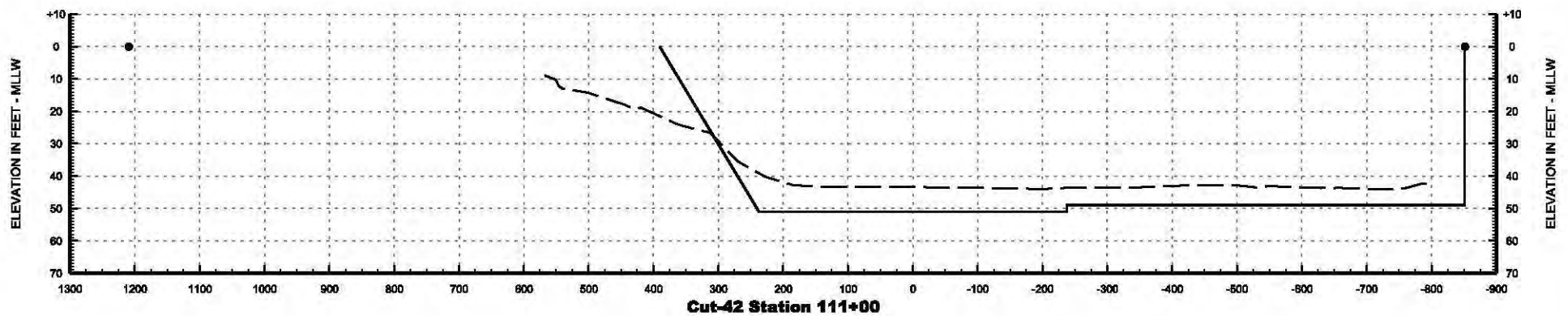
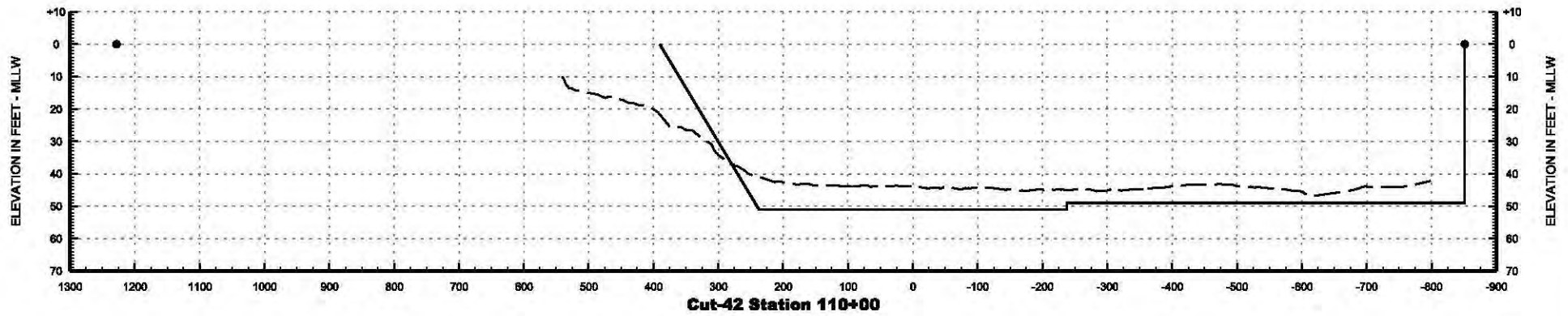
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 107+00 TO 109+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

190



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

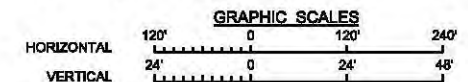
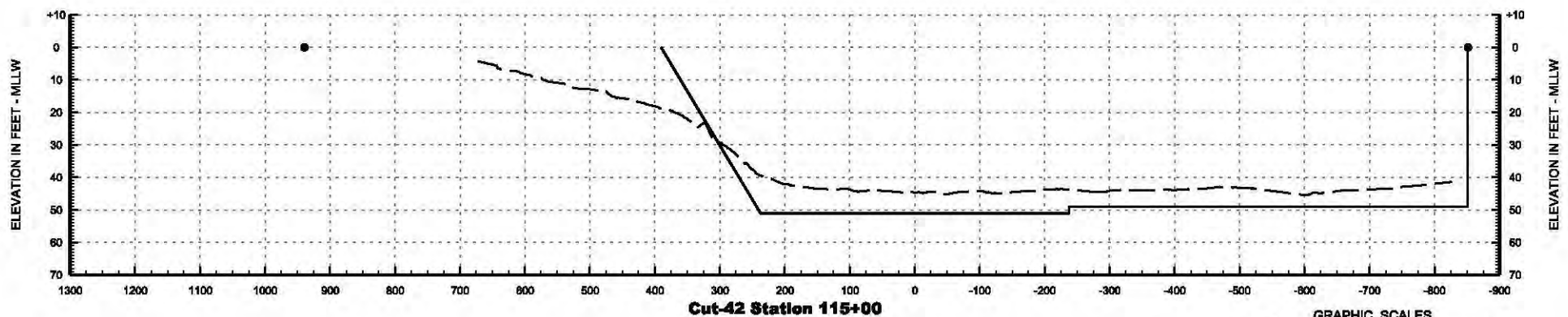
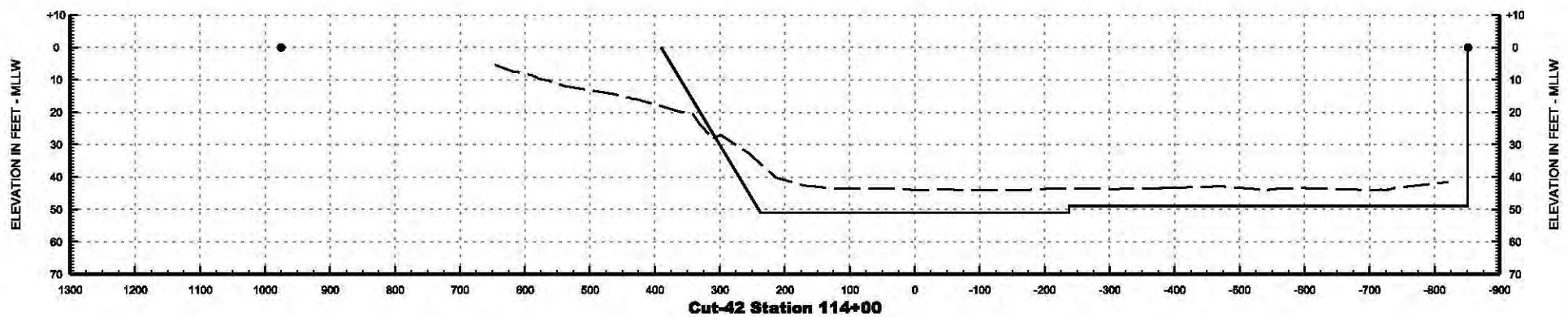
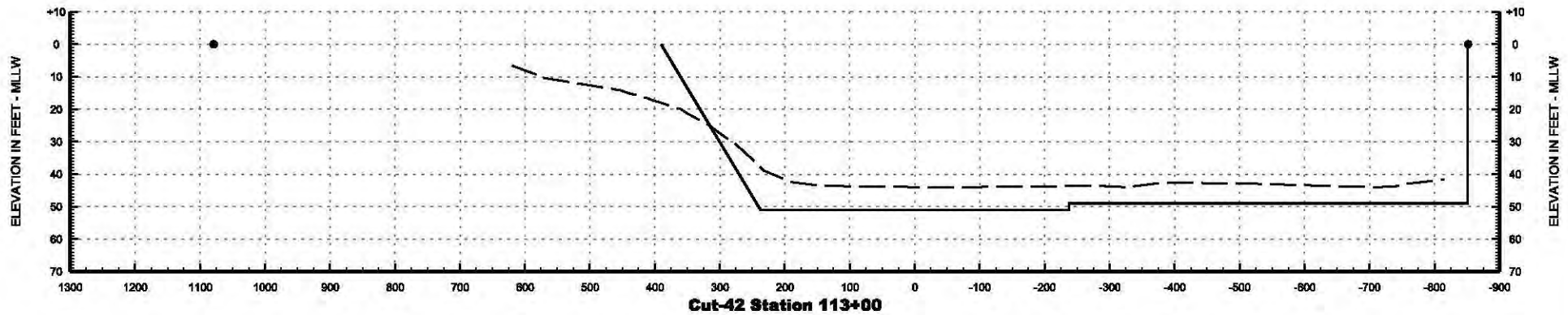
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 110+00 TO 112+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

191



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

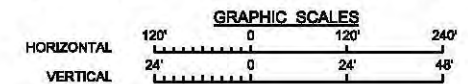
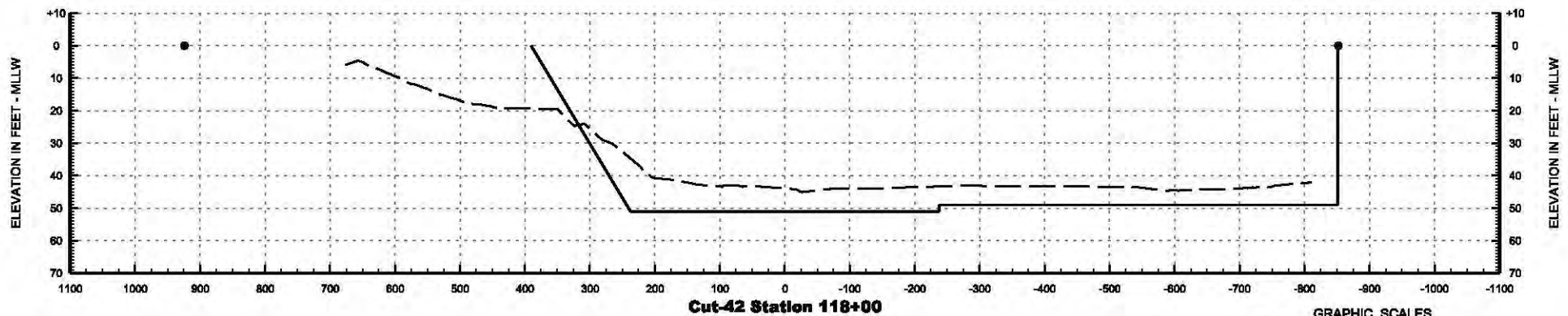
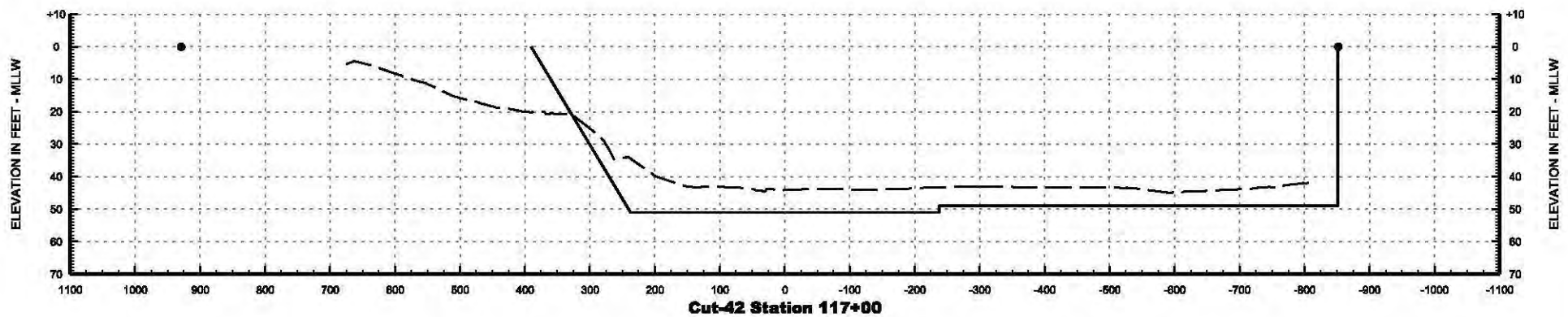
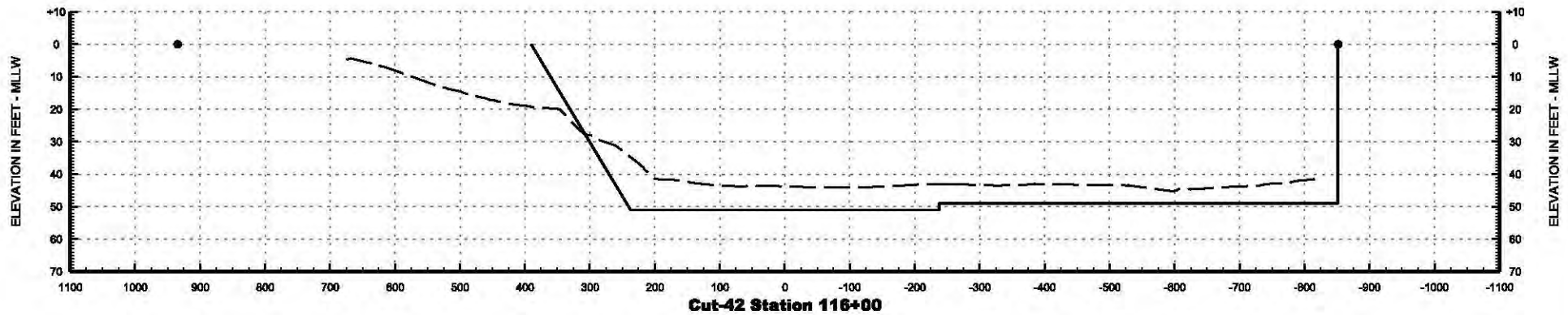
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DATED:
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 113+00 TO 115+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

192



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

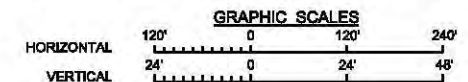
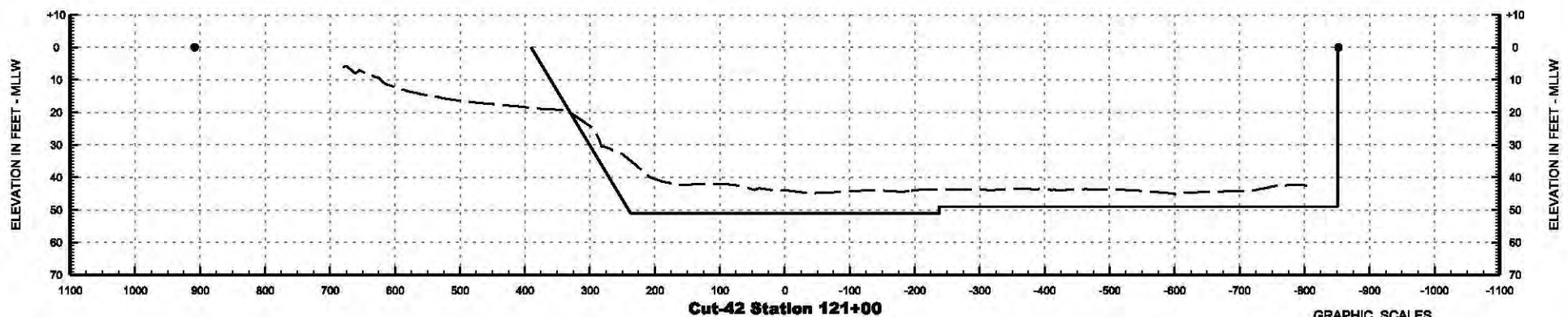
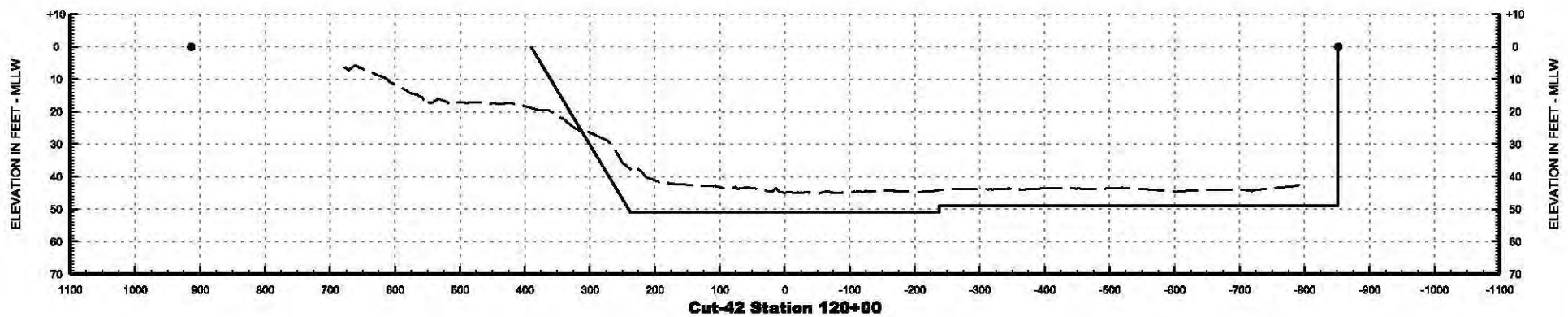
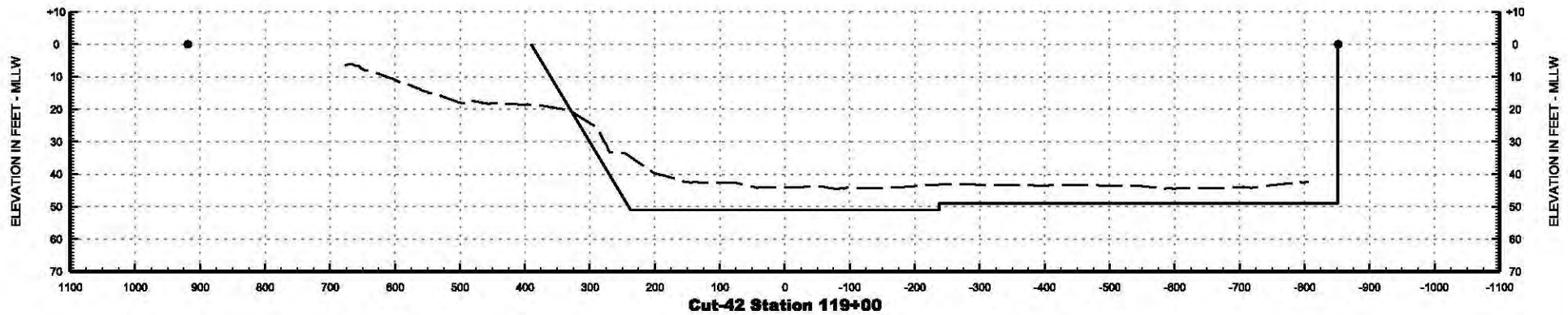
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 116+00 TO 118+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

193



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

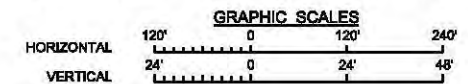
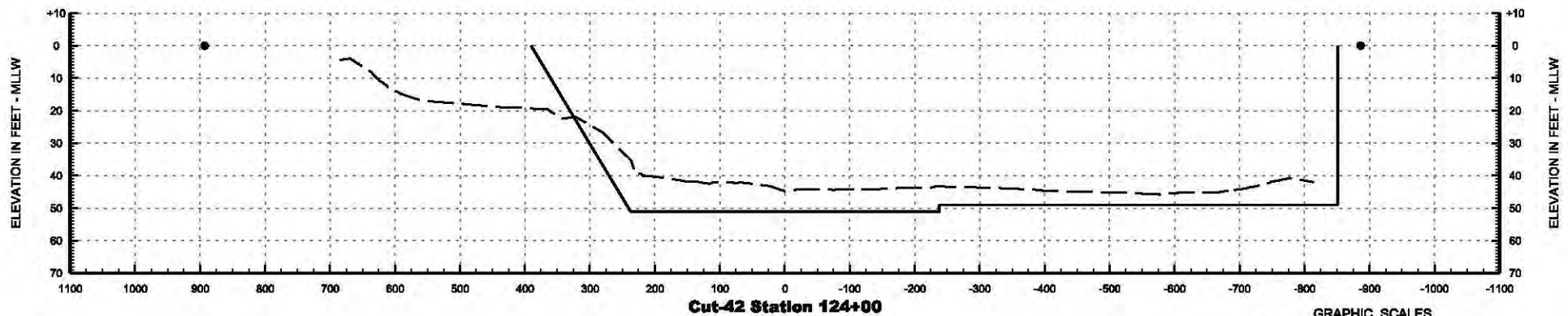
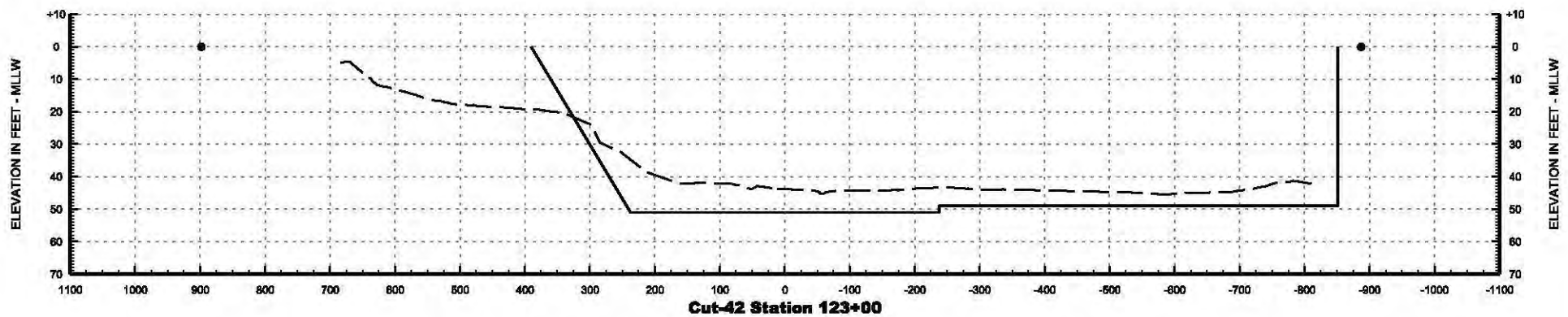
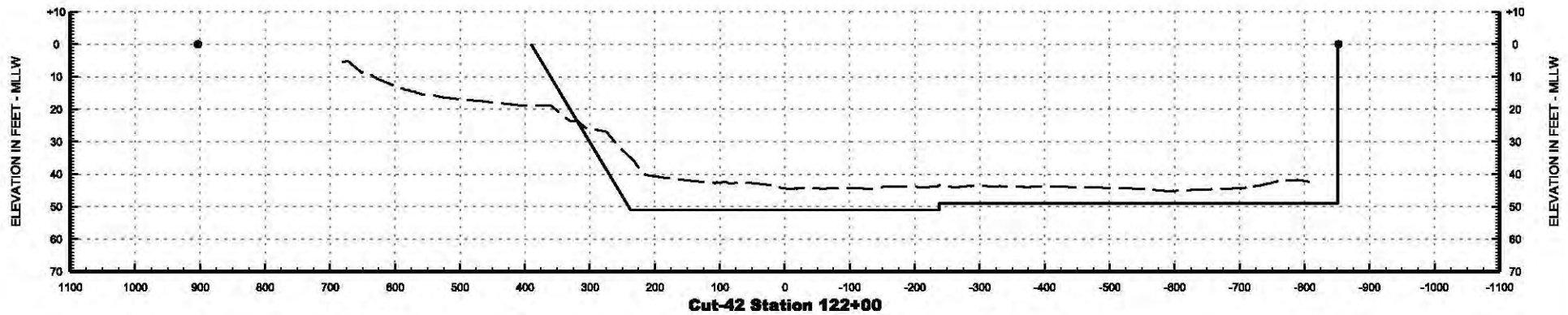
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 119+00 TO 121+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

194



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

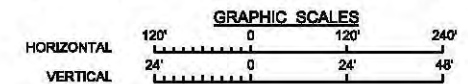
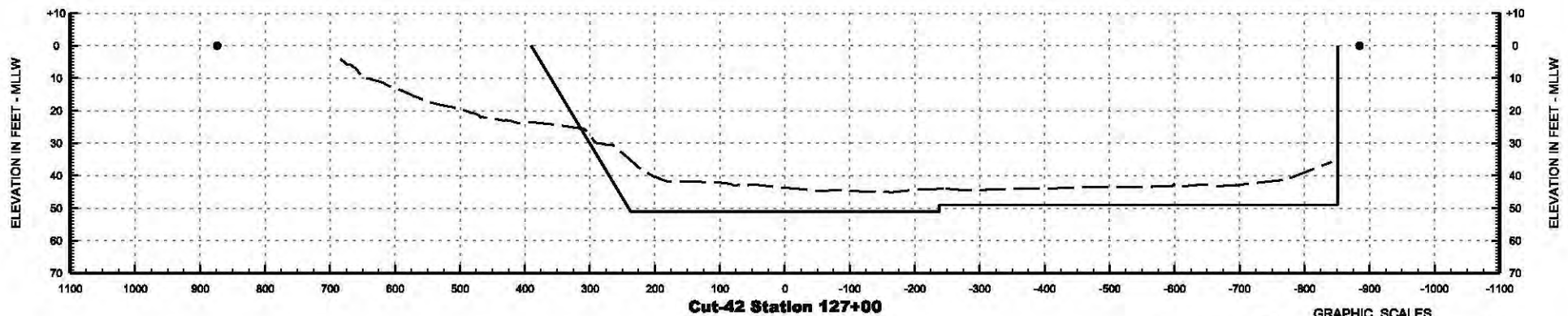
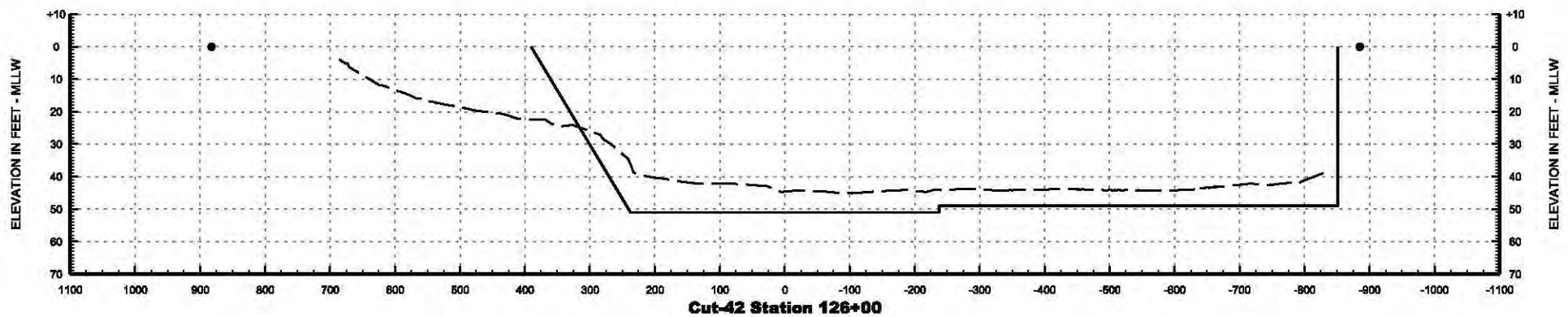
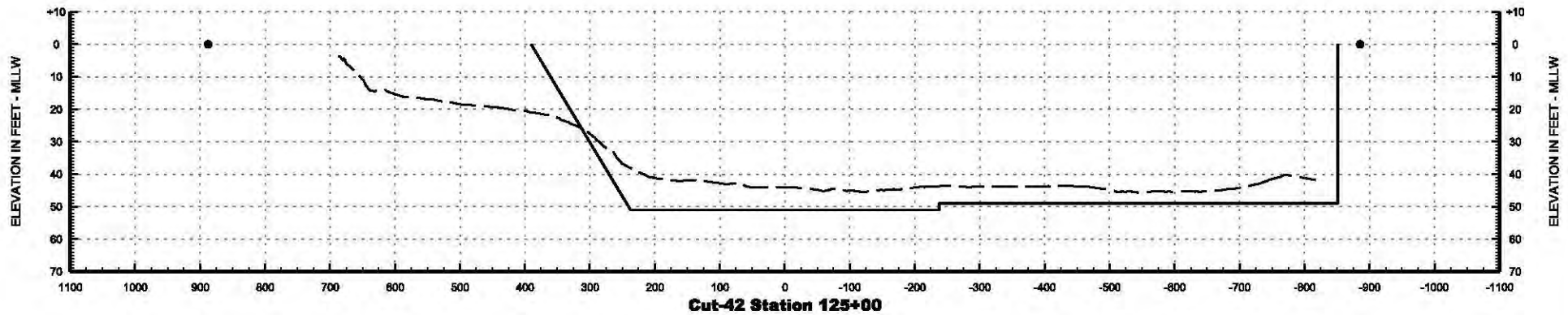
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 122+00 TO 124+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

195



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

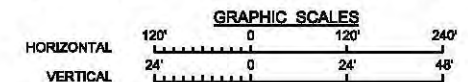
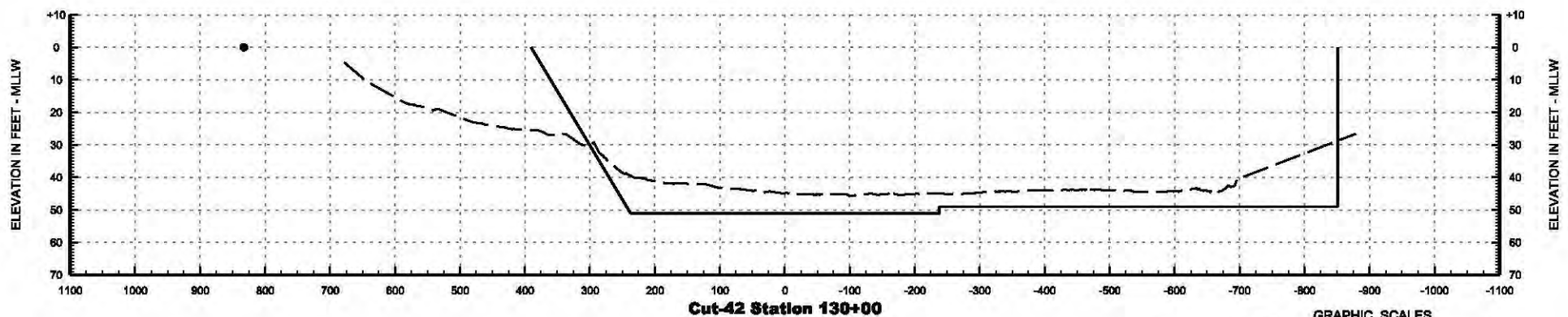
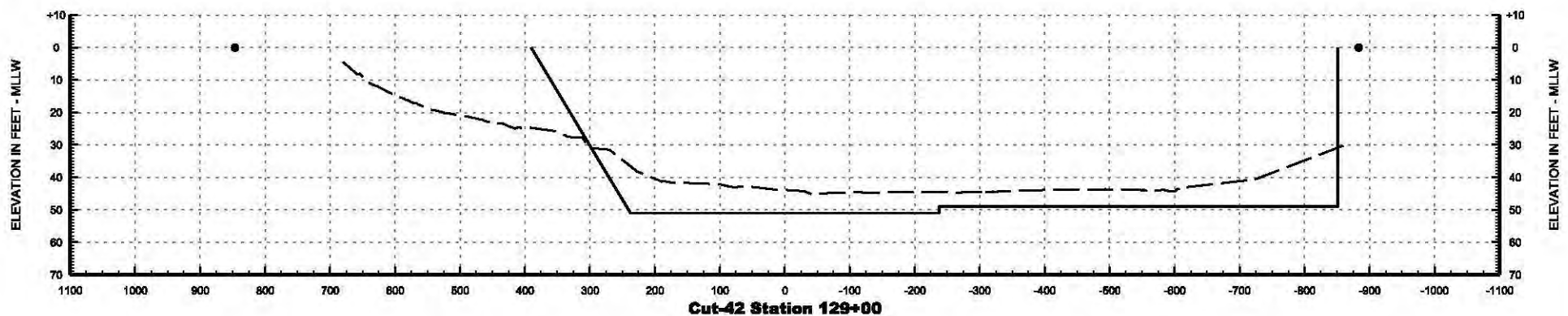
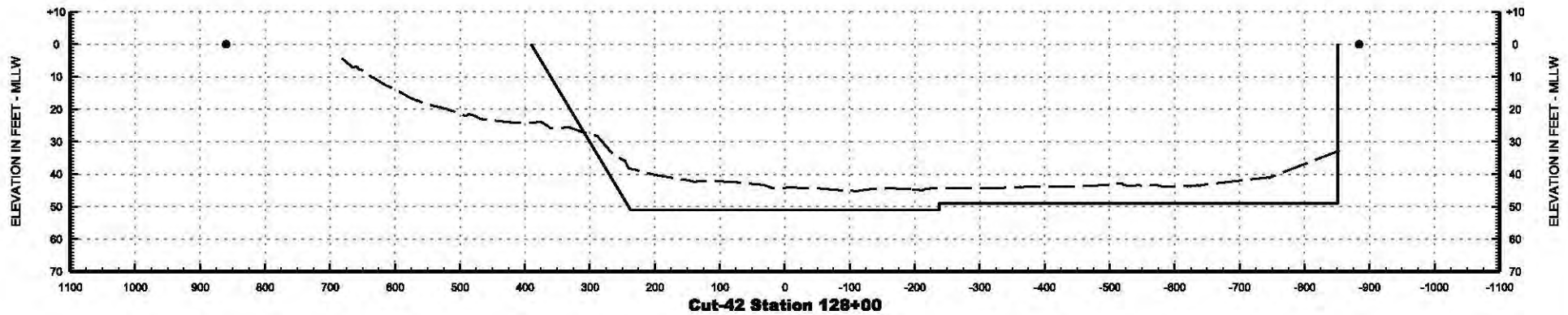
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 125+00 TO 127+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

196



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

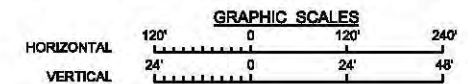
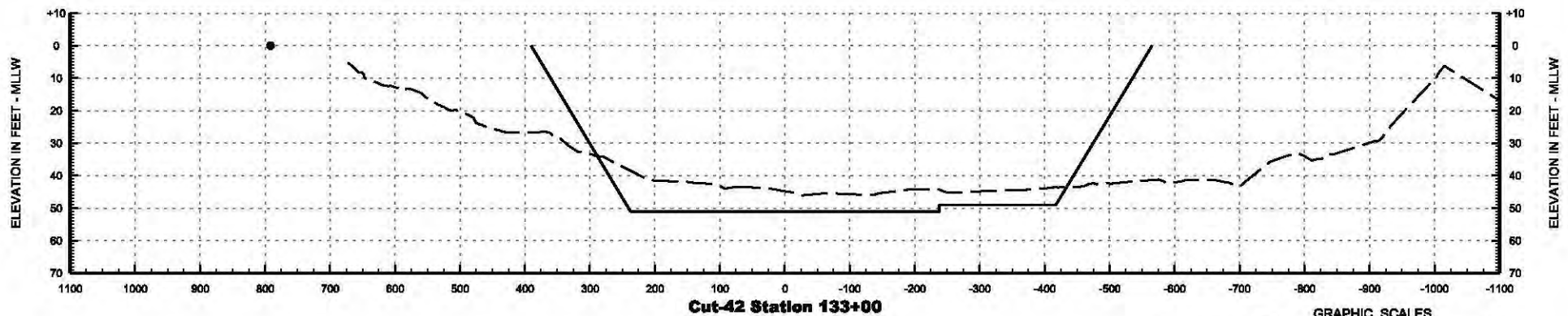
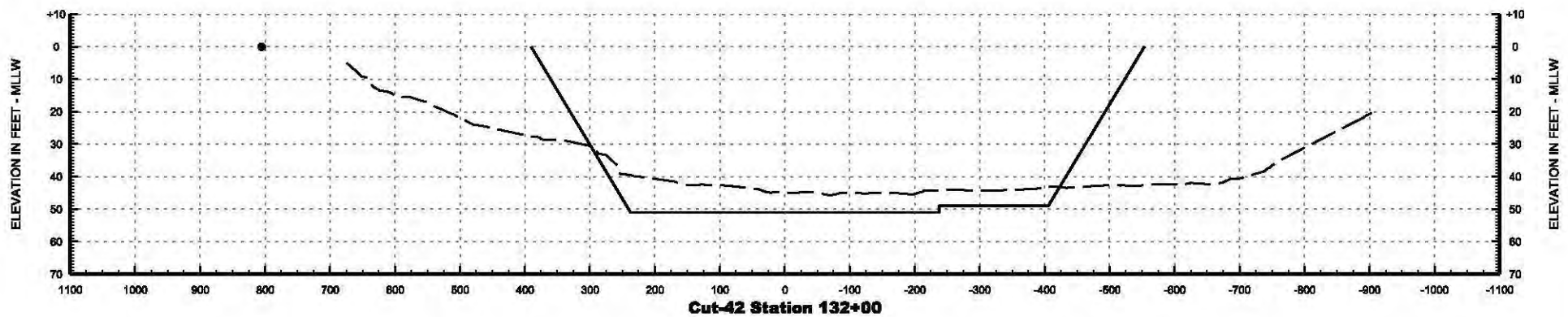
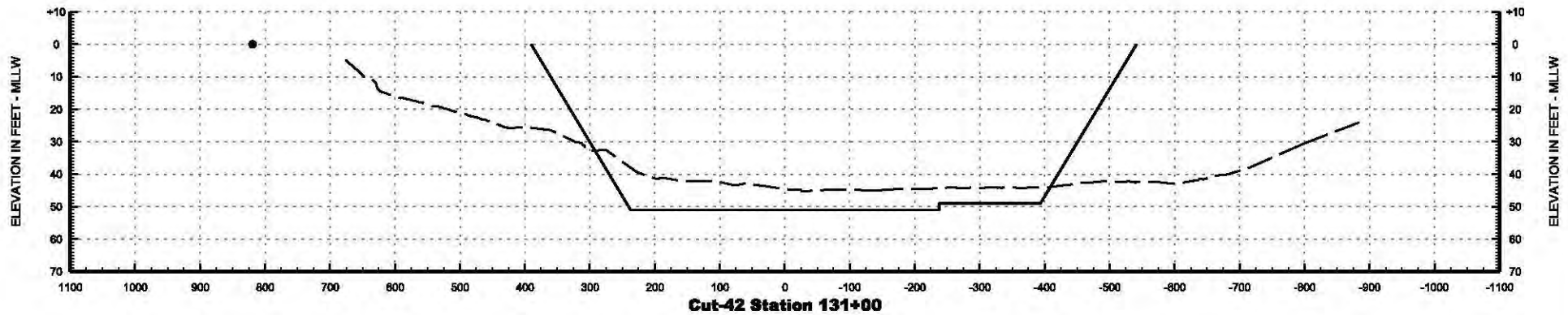
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 128+00 TO 130+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

197



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

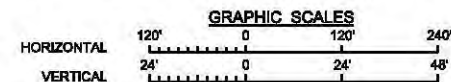
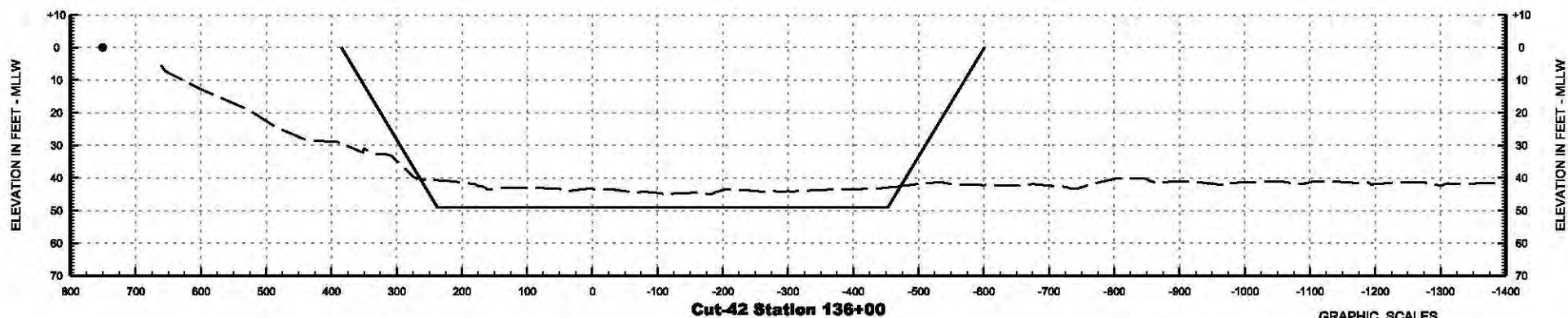
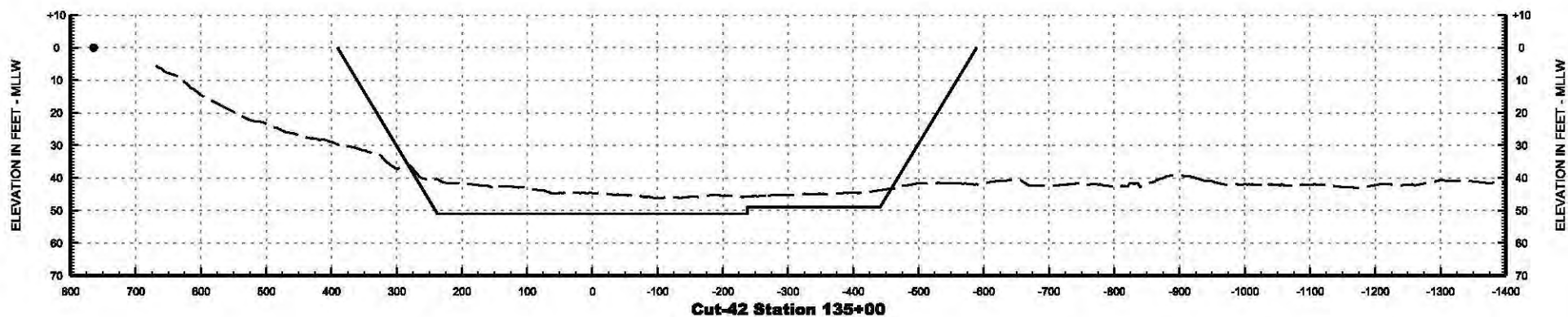
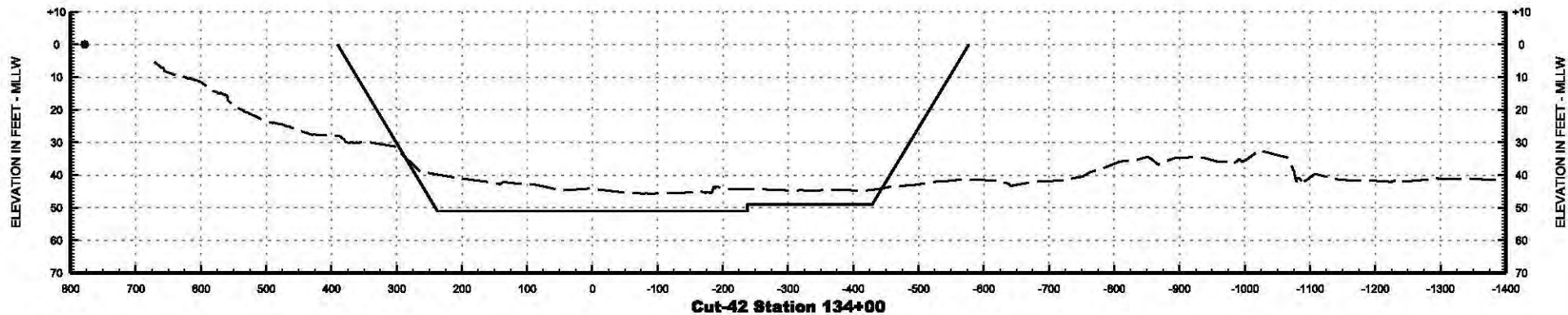
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 131+00 TO 133+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

198



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

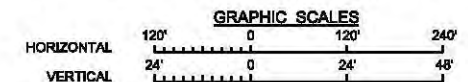
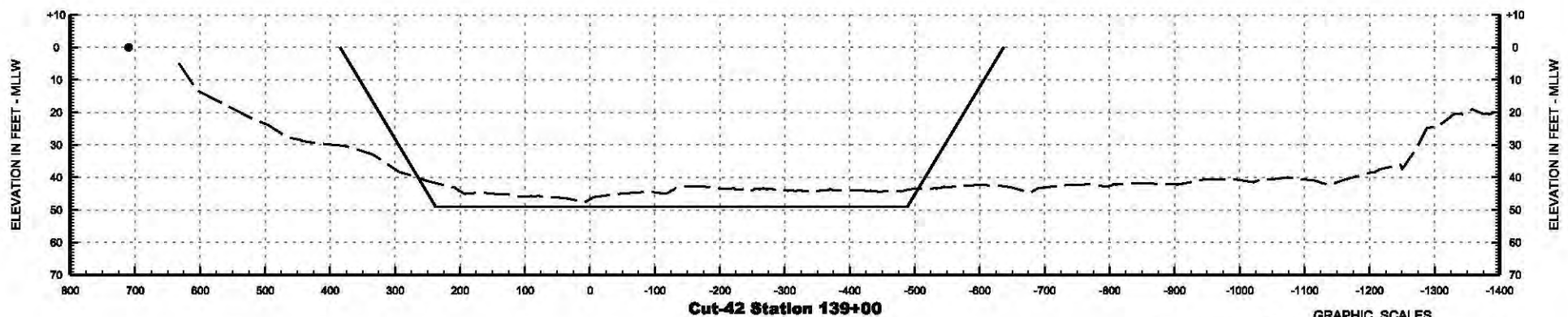
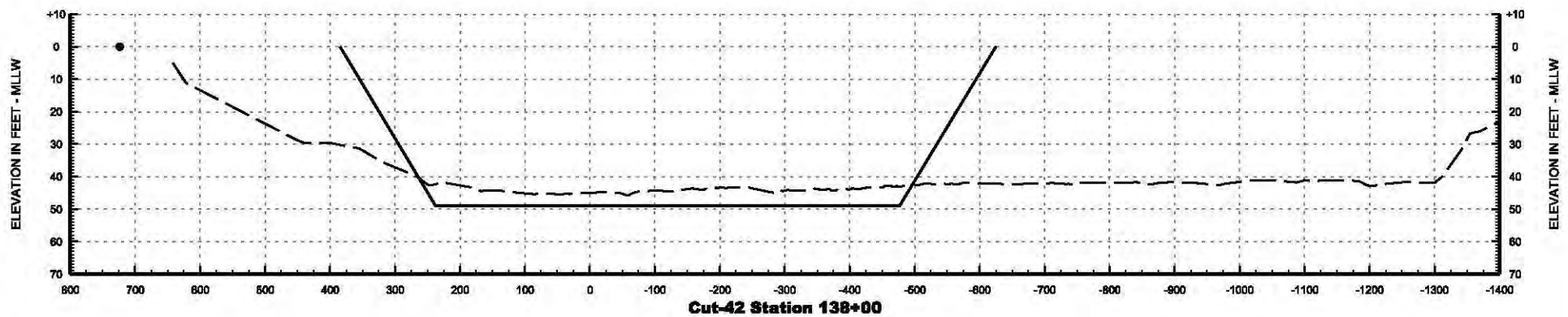
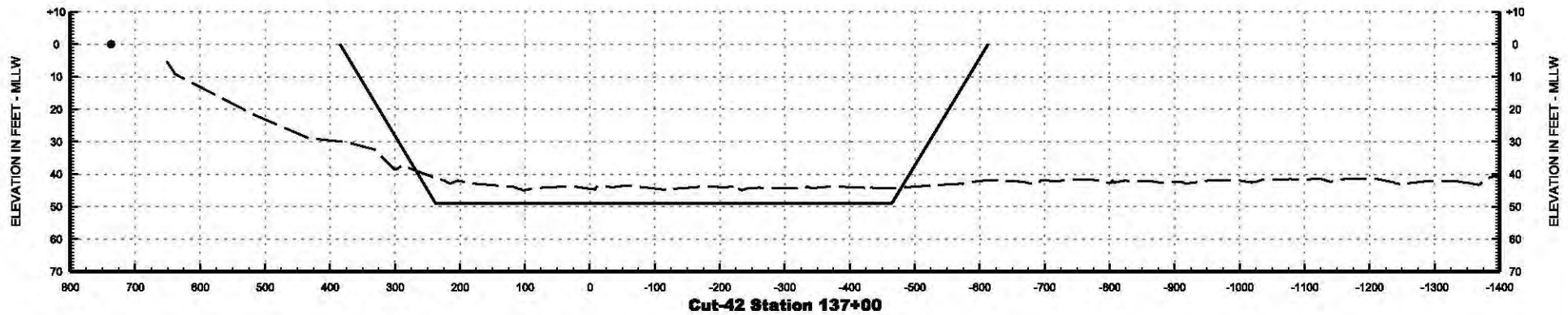
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 134+00 TO 136+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

199



US Army Corps
of Engineers
Jacksonville District

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

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DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-42 STATION 137+00 TO 139+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— — — EXISTING GROUND
— — — DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF
SECTION ON SECTIONS WHERE APPROXIMATE
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

200